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Age of onset of disruptive behavior of residentially treated adolescents

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References

- Achenbach, T., & Rescorla, L. (2001). *Manual for the ASEBA School-Age Forms & Profiles*. Burlington: University of Vermont, Research Center for Children, Youth, & Families.
- Aguilar, B., Sroufe, L., Egeland, B., & Carlson, E. (2000). Distinguishing the early-onset/persistent and adolescence-onset antisocial behavior types: From birth to 16 years. *Development and Psychopathology*, 12(02), 109-132.
- AJN. (2009). JGZ voor een prikkie. [Youth Health Care for next to nothing]. *Nieuwsbrief van Artsen Jeugdgezondheidszorg Nederland*, 2 (7).
- American Psychiatric Association. (1994). *Diagnostic and Statistical Manual of Mental Disorders* (4th ed.). Washington, DC: American Psychiatric Association.
- Andrews, D., & Bonta, J. (2010). Rehabilitating criminal justice policy and practice. *Psychology, Public Policy, and Law*, 16(1), 39-55.
- APA. (2000). *Diagnostic and Statistical Manual of Mental Disorders* (4th - text review ed.). Washington, DC: American Psychiatric Association.
- Arrindell, W. (2001). Changes in waiting-list patients over time: Data on some commonly-used measures. Beware! *Behaviour Research and Therapy* 39, 1227-1247.
- Arrindell, W., & Ettema, J. (2003). *Symptom checklist, SCL-90. Handleiding bij een multidimensionele psychopathologie-indicator*. [Symptom checklist, SCL-90. Manual for a multidimensional psychopathology indicator]. Lisse: Swets Test Publishers.
- Arrindell, W., Ettema, J., Groenman, N., Brook, F., Janssen, I., Slaets, J., et al. (2003). Wetenschap: De groeiende inbedding van de Nederlandse SCL-90-R. Psychodiagnostisch gereedschap. [Science: The growing embedment of the Dutch SCL-90-R. Psycho-diagnostic tools]. *De Psycholoog*, 38, 576-582.
- Asscher, J., Deković, M., Manders, W., Van der Laan, P., & Prins, P. (2013). A randomized controlled trial of the effectiveness of Multisystemic Therapy in the Netherlands: Post-treatment changes and moderator effects. *Journal of Experimental Criminology*, 9, 169-187.
- Bardone, A., Moffitt, T., Caspi, A., Dickson, N., & Silva, P. (1996). Adult mental health and social outcomes of adolescent girls with depression and conduct disorder. *Development and Psychopathology*, 8(4), 811-829.
- Barnes, J., & Beaver, K. (2010). An empirical examination of adolescence-limited offending: A direct test of Moffitt's maturity gap thesis. *Journal of Criminal Justice*, 38(6), 1176-1185.

- Bartels, A. (2001). Het sociale competentiemodel en de kinder- en jeugdpsychotherapie: Ontstaan, betekenis, stand van zaken en toekomst. [The social competence model and the child and youth psychotherapy: Origin, meaning, state of affairs and future]. *Kinder- en Jeugdpsychotherapie*, 28, 5-22.
- Beauchaine, T., Webster-Stratton, C., & Reid, M. (2005). Mediators, moderators, and predictors of 1-year outcomes among children treated for early-onset conduct problems: A latent growth curve analysis. *Journal of Consulting and Clinical Psychology*, 73, 371-388.
- Bennett, D., & Gibbons, T. (2000). Efficacy of child cognitive-behavioral interventions for antisocial behavior: A meta-analysis. *Child & Family Behavior Therapy*, 22(1), 1-15.
- Biegel, G., Brown, K., Shapiro, S., & Schubert, C. (2009). Mindfulness-based stress reduction for the treatment of adolescent psychiatric outpatients: A randomized clinical trial. *Journal of Consulting and Clinical Psychology*, 77(5), 855-866.
- Biskin, R., Paris, J., Renaud, J., Raz, A., & Zerkowicz, P. (2011). Outcomes in women diagnosed with borderline personality disorder in adolescence. *Journal of Canadian Academic Child and Adolescent Psychiatry*, 20(3), 168-174.
- Bongers, I., Koot, H., Van der Ende, J., & Verhulst, F. (2004). Developmental trajectories of externalizing behaviors in childhood and adolescence. *Child Development*, 75(5), 1523-1537.
- Boon, A., & Colijn, S. (2001). *Adolescents in Residential Psychiatric Care: Treatment Outcome, Social Support and Cultural Background. Results from the Laanzicht Research Project*. Dissertation Leiden University, The Hague.
- Boon, A., & De Boer, S. (2007). Drug usage as a threat to the stability of treatment outcome. *European Child & Adolescent Psychiatry*, 16(2), 79-86.
- Boon, A., De Boer, S., & De Haan, A. (2010). Tevredenheidlijst Ouders Residentiële Jeugdhulpverlening (TOR-J). [Satisfaction Questionnaire Residential Youth Care for Parents]. *Psychologie & Gezondheid*, 38, 186-195.
- Boon, A., & Haijer, Z. (2008). Orthopsychiatrie. Een behandeling voor lastige jonge psychiatrische patienten [Orthopsychiatry. A treatment for troublesome young psychiatric patients]. *Maandblad Geestelijk Volksgezondheid*, 63(1), 41-49.
- Brazil, I., Van Dongen, J., Maes, J., Mars, R., & Baskin-Sommers, A. (2018). Classification and treatment of antisocial individuals: From behavior to biocognition. *Neuroscience & Biobehavioral Reviews*, 91, 259-277.

- Breuk, R., Clauser, C., Stams, G., Slot, N., & Doreleijers, T. (2007). The validity of questionnaire self-report of psychopathology and parent-child relationship quality in juvenile delinquents with psychiatric disorders. *Journal of Adolescence*, 30(5), 761-771.
- Broidy, L., Nagin, D., Tremblay, R., Bates, J., Brame, B., Dodge, K., et al. (2003). Developmental trajectories of childhood disruptive behaviors and adolescent delinquency: A six-site, cross-national study. *Developmental Psychology*, 39(2), 222-245.
- Bruinsma, M., & Boon, A. (2001). *Orthopsychiatrie, (Be) handelbare Jongeren? Eindrapport van Vier Jaar Onderzoek in De Fjord. [Orthopsychiatry, Treatable Youngsters? Final Report of Four Years of Research in De Fjord]*. Amsterdam: SWP.
- Caldwell, M., Skeem, J., Salekin, R., & Van Rybroek, G. (2006). Treatment response of adolescent offenders with psychopathy features: A 2-year follow-up. *Criminal Justice and Behavior*, 33(5), 571-596.
- Carroll, A., Hemingway, F., Bower, J., Ashman, A., Houghton, S., & Durkin, K. (2006). Impulsivity in juvenile delinquency: Differences among early-onset, late-onset, and non-offenders. *Journal of Youth and Adolescence*, 35(4), 517-527.
- Chung, I., Hill, K., Hawkins, J., Gilchrist, L., & Nagin, D. (2002). Childhood predictors of offence trajectories. *Journal of Research in Crime and Delinquency*, 39, 60-90.
- Cohn, M., Van Domburgh, L., Vermeiren, R., Geluk, C., & Doreleijers, T. (2012). Externalizing psychopathology and persistence of offending in childhood first-time arrestees. *European Child & Adolescent Psychiatry*, 21(5), 243-251.
- Colins, O., & Vermeiren, R. (2013). The usefulness of DSM-IV and DSM-5 conduct disorder subtyping in detained adolescents. *The Journal of Nervous and Mental Disease*, 201(9), 736-743.
- Colins, O., Vermeiren, R., Vahl, P., Markus, M., Broekaert, E., & Doreleijers, T. (2012). Parent-reported attention-deficit hyperactivity disorder and subtypes of conduct disorder as risk factor of recidivism in detained male adolescents. *European Psychiatry*, 27(5), 329-334.
- Crowley, T., Mikulich, S., Ehlers, K., Whitmore, E., & MacDonald, M. (2001). Validity of structured clinical evaluations in adolescents with conduct and substance problems. *Journal of the American Academy of Child & Adolescent Psychiatry*, 40(3), 265-273.
- Dandreaux, D., & Frick, P. (2009). Developmental pathways to conduct problems: A further test of the childhood and adolescent-onset distinction. *Journal of Abnormal Child Psychology*, 37(3), 375-385.

- De Boer, S., Boon, A., Verheij, F., & Donker, M. (2013). Characteristics of adolescent psychiatric inpatients with early-onset and adolescent-onset disruptive behavior. *International Journal of Forensic Mental Health, 12*, 14-25.
- De Boer, S., Boon, A., Verheij, F., Donker, M., & Vermeiren, R. (2017). Treatment outcome of adolescent inpatients with early-onset and adolescent-onset disruptive behavior. *Journal of Clinical Psychology, 73*(4), 466-478.
- De Boer, S., Van Oort, F., Donker, M., Verheij, F., & Boon, A. (2012). Childhood characteristics of adolescent inpatients with early-onset and adolescent-onset disruptive behavior. *Journal of Psychopathology and Behavioral Assessment, 34*(3), 415-422.
- De Boer, S., Verheij, F., & Donker, M. (2007). Wat hebben Jeugdgezondheidszorgdossiers voor ons te verbergen? Een onderzoek naar voortekenen van latere gedragsproblemen. [What do youth health care files have to hide from us? A study into signs of later behavioral problems]. *Maandblad Geestelijke Volksgezondheid, 62*(7/8), 640-649.
- De Haan, A., Boon, A., De Jong, T., Hoeve, M., & Vermeiren, R. (2013). A meta-analytic review on treatment dropout in child and adolescent outpatient mental health care. *Clinical Psychology Review, 33*, 698-711.
- De Vries Robbé, M., De Vogel, V., & Stam, J. (2012). Protective factors for violence risk: The value for clinical practice. *Psychology, 3*(12), 1259-1263.
- Dean, C., Brame, R., & Piquero, A. (1996). Criminal propensities, discrete groups of offenders, and persistence in crime. *Criminology, 34*(4), 547-574.
- Disney, E., Elkins, I., McGue, M., & Iacono, W. (1999). Effects of ADHD, conduct disorder, and gender on substance use and abuse in adolescence. *American Journal of Psychiatry, 156*(10), 1515-1521.
- Dubow, E., Huesmann, L., Boxer, P., & Smith, C. (2016). Childhood and adolescent risk and protective factors for violence in adulthood. *Journal of Criminal Justice, 45*(26-31).
- Duncan, B., Miller, S., Wampold, B., & Hubble, M. (Eds.). (2010). *The Heart and Soul of Change: Delivering What Works in Therapy* (2nd ed.). Washington DC: American Psychological Association.
- Eme, R. (2007). Sex differences in child-onset, life-course-persistent conduct disorder. A review of biological influences. *Clinical Psychology Review, 27*(5), 607-627.
- Eme, R. (2009). Male life-course persistent antisocial behavior: A review of neurodevelopmental factors. *Aggression and Violent Behavior, 14*(5), 348-358.

- Eyberg, S., Nelson, M., & Boggs, S. (2008). Evidence-based psychosocial treatments for children and adolescents with disruptive behavior. *Journal of Clinical Child & Adolescent Psychology, 37*(1), 215-237.
- Fairchild, G., Van Goozen, S., Calder, A., & Goodyer, I. (2013). Research review: evaluating and reformulating the developmental taxonomic theory of antisocial behaviour. *Journal of Child Psychology and Psychiatry, 54*(9), 924-940.
- Ferdinand, R., Verhulst, F., & Wiznitzer, M. (1995). Continuity and change of self-reported problem behaviors from adolescence into young adulthood. *Journal of the American Academy of Child & Adolescent Psychiatry, 34*(5), 680-690.
- Fergusson, D., Horwood, L., & Nagin, D. (2000). Offending trajectories in a New Zealand birth cohort. *Criminology, 38*, 525-552.
- Fernández-Montalvo, J., López-Goñi, J., Illescas, C., Landa, N., & Lorea, I. (2008). Evaluation of a therapeutic community treatment program: A long-term follow-up study in Spain. *Substance Use & Misuse, 43*(10), 1362-1377.
- Fleiss, J. (1981). *Statistical Methods for Rates and Proportions* (2nd ed.). New York: John Wiley.
- Fontaine, N., Carbonneau, R., Vitaro, F., Barker, E., & Tremblay, R. (2009). Research review: A critical review of studies on the developmental trajectories of antisocial behavior in females. *Journal of Child Psychology and Psychiatry, 50*(4), 363-385.
- Frick, P. (2016). Current research on conduct disorder in children and adolescents. *South African Journal of Psychology, 46*(2), 160-174.
- Frick, P., Barry, C., & Kamphaus, R. (2009). *Clinical Assessment of Child and Adolescent Personality and Behavior*. New York: Springer.
- Frick, P., Bodin, S., & Barry, C. (2000). Psychopathic traits and conduct problems in community and clinic-referred samples of children: further development of the psychopathy screening device. *Psychological Assessment, 12*(4), 382-393.
- Frick, P., Lahey, B., Loeber, R., Tannenbaum, L., Van Horn, Y., Christ, M., et al. (1993). Oppositional defiant disorder and conduct disorder: A meta-analytic review of factor analyses and cross-validation in a clinic sample. *Clinical Psychology Review, 13*(4), 319-340.
- Frick, P., Ray, J., Thornton, L., & Kahn, R. (2014). Can callous-unemotional traits enhance the understanding, diagnosis, and treatment of serious conduct problems in children and adolescents? A comprehensive review. *Psychological Bulletin, 140*(1), 1-57.

- Grant, J., Lynskey, M., Madden, P., Nelson, E., Few, L., Bucholz, K., et al. (2015). The role of conduct disorder in the relationship between alcohol, nicotine and cannabis use disorders. *Psychological Medicine*, 45(16), 3505-3515.
- Grünwald, H., & Von Massenbach, K. (2003). Ergebnisqualität ambulanter systemischer Therapie - Eine Multizenterstudie in der deutschsprachigen Schweiz. [Effectiveness of out-patient systemic therapy - a multicenter study in the German speaking part of Switzerland]. *Psychotherapie Psychosomatik und Medizinische Psychologie*, 53, 326-333.
- Hageman, W., & Arrindell, W. (1999). Establishing clinically significant change: increment of precision and the distinction between individual and group level of analysis. *Behaviour Research and Therapy*, 37(12), 1169-1193.
- Hageman, W., & Arrindell, W. (1999a). Clinically significant and practical! Enhancing precision does make a difference. Reply to McGlinchey and Jacobson, Hsu, and Speer: Special series on the assessment of clinically significant change. *Behaviour Research and Therapy*, 37(12), 1219-1233.
- Hawes, D., & Dadds, M. (2005). The treatment of conduct problems in children with callous-unemotional traits. *Journal of Consulting and Clinical Psychology*, 73(4), 737-741.
- Hawes, D., Dadds, M., Brennan, J., Rhodes, T., & Cauchi, A. (2013). Revisiting the treatment of conduct problems in children with callous-unemotional traits. *Australian and New Zealand Journal of Psychiatry*, 47(7), 646-653.
- Hawes, D., Price, M., & Dadds, M. (2014). Callous-unemotional traits and the treatment of conduct problems in childhood and adolescence: A comprehensive review. *Clinical Child and Family Psychology Review*, 17(3), 248-267.
- Henggeler, S., Melton, G., & Smith, L. (1992). Family preservation using multisystemic therapy: an effective alternative to incarcerating serious juvenile offenders. *Journal of Consulting and Clinical Psychology*, 60(6), 953-961.
- Henry, B., Moffitt, T., Caspi, A., Langley, J., & Silva, P. (1994). On the "remembrance of things past": A longitudinal evaluation of the retrospective method. *Psychological Assessment*, 6(2), 92-101.
- Heron, J., Barker, E., Joinson, C., Lewis, G., Hickman, M., Munafò, M., et al. (2013). Childhood conduct disorder trajectories, prior risk factors and cannabis use at age 16: birth cohort study. *Addiction*, 108(12), 2129-2138.
- Holi, M. (2003). *Assessment of Psychiatric Symptoms Using the SCL-90*. Helsinki: Department of Psychiatry Helsinki University.

- Hornsveld, R. (2004). *Held zonder Geweld. Behandeling van Agressief Gedrag. [Hero without Violence. Treatment of Aggressive Behavior]*. Amsterdam: Boom.
- Houghton, S., Carroll, A., Zadow, C., O'connor, E., Hattie, J., & Lynn, S. (2017). Treating children with early-onset conduct problems and callous-unemotional traits: an empirical evaluation of KoolKIDS. *Emotional and Behavioural Difficulties*, 1-15.
- IBM. (2015). SPSS Statistics for Windows (Version 23.0). Armonk, NY: IBM Corp.
- IBM. (2011). SPSS Statistics for Windows (Version 20.0). Armonk, NY: IBM Corp.
- Insel, T., Cuthbert, B., Garvey, M., Heinssen, R., Pine, D., Quinn, K., et al. (2010). Research domain criteria (RDoC): toward a new classification framework for research on mental disorders. *American Journal of Psychiatry*, 167(7), 748-751.
- Jacobson, N., & Truax, P. (1991). Clinical significance: A statistical approach to defining meaningful change in psychotherapy research. *Journal of Consulting and Clinical Psychology*, 59(1), 12-19.
- Jambroes, T., Jansen, L., Vermeiren, R., Doreleijers, T., Colins, O., & Popma, A. (2016). The clinical usefulness of the new LPE specifier for subtyping adolescents with conduct disorder in the DSM 5. *European Child & Adolescent Psychiatry*, 25(8), 891-902.
- Jennings, W., & Reingle, J. (2012). On the number and shape of developmental/life-course violence, aggression, and delinquency trajectories: A state-of-the-art review. *Journal of Criminal Justice*, 40(6), 472-489.
- Kamphaus, R., & Frick, P. (2002). *Clinical Assessment of Child and Adolescent Personality and Behavior (2nd ed.)*. Boston: Allyn and Bacon.
- Kazdin, A. (2016). Implementation and evaluation of treatments for children and adolescents with conduct problems: findings, challenges, and future directions. *Psychotherapy research*, 1-15.
- Kazdin, A., Mazurick, J., & Siegel, T. (1994). Treatment outcome among children with externalizing disorder who terminate prematurely versus those who complete psychotherapy. *Journal of the American Academy of Child & Adolescent Psychiatry*, 33(4), 549-557.
- Kazemian, L., & Farrington, D. (2005). Comparing the validity of prospective, retrospective, and official onset for different offending categories. *Journal of Quantitative Criminology*, 21(2), 127-147.
- Kendler, K., Prescott, C., Myers, J., & Neale, M. (2003). The structure of genetic and environmental risk factors for common psychiatric and substance use disorders in men and women. *Archives of General Psychiatry*, 60(9), 929-937.

- Kjelsberg, E. (1999). Adolescence-limited versus life-course-persistent criminal behaviour in adolescent psychiatric inpatients. *European Child & Adolescent Psychiatry*, 8(4), 276-282.
- Koeter, M., Ormel, J., & Van den Brink, W. (1988). Totaalscore van de SCL-90 als maat voor de ernst van psychopathologie. [Total score of the SCL-90 as a measure of severity of psychopathology]. *Nederlands Tijdschrift voor de Psychiatrie*, 43, 381-391.
- Kolko, D., Dorn, L., Bukstein, O., Pardini, D., Holden, E., & Hart, J. (2009). Community vs. clinic-based modular treatment of children with early-onset ODD or CD: A clinical trial with 3-year follow-up. *Journal of Abnormal Child Psychology*, 37(5), 591-609.
- Kratzer, L., & Hodgins, S. (1999). A typology of offenders: a test of Moffitt's theory among males and females from childhood to age 30. *Criminal Behaviour and Mental Health*, 9(1), 57-73.
- Liddle, H., Dakof, G., Parker, K., Diamond, G., Barrett, K., & Tejeda, M. (2001). Multidimensional family therapy for adolescent drug abuse: Results of a randomized clinical trial. *The American Journal of Drug and Alcohol Abuse*, 27(4), 651-688.
- Lochman, J., & Salekin, R. (2003). Introduction prevention and intervention with aggressive and disruptive children: Next steps in behavioral intervention research. *Behavior Therapy*, 34(4), 413-419.
- López-Goñi, J., Fernández- Montalvo, J., Illescas, C., Landa, N., & Lorea, I. (2008). Determining socio-demographic predictors of treatment dropout: results in a therapeutic community. *International Journal of Social Welfare*, 17(4), 374-378.
- Lösel, F., & Farrington, D. (2012). Direct protective and buffering protective factors in the development of youth violence. *American Journal of Preventive Medicine*, 43(2), S8-S23.
- McCart, M., Priester, P., Davies, W., & Azen, R. (2006). Differential effectiveness of behavioral parent-training and cognitive-behavioral therapy for antisocial youth: A meta-analysis. *Journal of Abnormal Child Psychology*, 34(4), 527-543.
- McGough, J., & Curry, J. (1992). Utility of the SCL-90-R with depressed and conduct-disordered adolescent inpatients. *Journal of Personality Assessment*, 59, 552-563.
- Moffitt, T. (1993). Adolescence-limited and life-course-persistent antisocial behavior: A developmental taxonomy. *Psychological Review*, 100, 674-701.
- Moffitt, T. (2003). Life-course-persistent and adolescence-limited antisocial behavior: A 10-year research review and a research agenda. In B. Lahey, T. Moffitt & A. Caspi (Eds.),

- Causes of Conduct Disorder and Juvenile Delinquency* (pp. 49-75). New York: The Guilford Press.
- Moffitt, T., Arseneault, L., Jaffee, S., Kim-Cohen, J., Koenen, K., Odgers, C., et al. (2008). Research Review: DSM-V conduct disorder: Research needs for an evidence base. *Journal of Child Psychology and Psychiatry*, 49(1), 3-33.
- Moffitt, T., & Caspi, A. (2001). Childhood predictors differentiate life-course persistent and adolescence-limited antisocial pathways among males and females. *Development and Psychopathology*, 13(2), 355-375.
- Moffitt, T., Caspi, A., Dickson, N., Silva, P., & Stanton, W. (1996). Childhood-onset versus adolescent-onset antisocial conduct problems in males: natural history from ages 3 to 18 years. *Development and Psychopathology*, 8(2), 399-424.
- Moffitt, T., Caspi, A., Harrington, H., & Milne, B. (2002). Males on the life-course-persistent and adolescence-limited antisocial pathways: Follow-up at age 26 years. *Development and Psychopathology*, 14(1), 179-207.
- Moffitt, T., Lynam, D., & Silva, P. (1994). Neuropsychological tests predicting persistent male delinquency. *Criminology*, 32, 277-300.
- Moller, C., Tait, R., & Byrne, D. (2012). Self-harm, substance use and psychological distress in the Australian general population. *Addiction*, 108, 211-220.
- Monahan, K., Oesterle, S., Rhew, I., & Hawkins, J. (2014). The relation between risk and protective factors for problem behaviors and depressive symptoms, antisocial behavior, and alcohol use in adolescence. *Journal of Community Psychology*, 42(5), 621-638.
- Muller, N., & Colijn, S. (1999). Leren omgaan met boosheid: De Anger Control Training voor pubers en adolescenten. [Learning to deal with anger: The Anger Control Training for adolescents]. In A. Collot d'Escury - Koenigs, A. Van der Linden & T. Snaterse (Eds.), *Van Preventie tot Straf: Naar Meer Sociale Vaardigheden bij Jongeren. [From Prevention to Punishment: To More Interpersonal Skills among Young People]* (pp. 175-188). Lisse: Swets & Zeitlinger.
- Nagin, D., & Farrington, D. (1992). The onset and persistence of offending. *Criminology* 30, 501-523.
- Nagin, D., & Tremblay, R. (2001). Parental and early childhood predictors of persistent physical aggression in boys from kindergarten to high school. *Archives of General Psychiatry*, 58, 389-394.

- Nock, M., & Kazdin, A. (2005). Randomized controlled trial of a brief intervention for increasing participation in parent management training. *Journal of Consulting and Clinical Psychology, 73*(5), 872-879.
- Odgers, C., Moffitt, T., Broadbent, J., Dickson, N., Hancox, R., Harrington, H., et al. (2008). Female and male antisocial trajectories: From childhood origins to adult outcomes. *Development and Psychopathology, 20*(2), 673-716.
- Orlando, M., Chan, K., & Morral, A. (2003). Retention of court-referred youths in residential treatment programs: Client characteristics and treatment process effects. *The American Journal of Drug and Alcohol Abuse, 29*(2), 337-357.
- Patterson, G., Forgatch, M., Yoerger, K., & Stoolmiller, M. (1998). Variables that initiate and maintain an early-onset trajectory for juvenile offending. *Development and Psychopathology, 10*(3), 531-547.
- Patterson, G., & Yoerger, K. (1997). *A Developmental Model for Late-onset Delinquency*. Paper presented at the Nebraska Symposium on Motivation and Delinquency, Lincoln.
- Piquero, A., Daigle, L., Gibson, C., Leeper-Piquero, N., & Tibbetts, S. (2007). Research note: Are life-course-persistent offenders at risk for adverse health outcomes? *Journal of Research in Crime and Delinquency, 44*(2), 185-207.
- Piquero, A., Farrington, D., Nagin, D., & Moffitt, T. (2010). Trajectories of offending and their relation to life failure in late middle age: findings from the Cambridge study in delinquent development. *Journal of Research in Crime and Delinquency, 47*(2), 151-173.
- Portnoy, J., Chen, F., & Raine, A. (2013). Biological protective factors for antisocial and criminal behavior. *Journal of Criminal Justice, 41*(5), 292-299.
- Prinz, U., Nutzinger, D., Schulz, H., Petermann, F., Braukhaus, C., & Andreas, S. (2013). Comparative psychometric analyses of the SCL-90-R and its short versions in patients with affective disorders. *BMC Psychiatry, 13*(104), 1-9.
- Rosenblatt, A., & Rosenblatt, J. (2002). Assessing the effectiveness of care for youth with severe emotional disturbances: Is there agreement between popular outcome measures? *The Journal of Behavioral Health Services and Research, 29*(3), 259-273.
- Sanders, M., Markie-Dadds, C., Tully, L., & Bor, W. (2000). The triple P-positive parenting program: A comparison of enhanced, standard, and self-directed behavioral family intervention for parents of children with early onset conduct problems. *Journal of Consulting and Clinical Psychology, 68*(4), 624-640.

- Sanford, M., Boyle, M., Szatmari, P., Offord, D., Jamieson, E., & Spinner, M. (1999). Age-of-onset classification of conduct disorder: Reliability and validity in a prospective cohort study. *Journal of the American Academy of Child & Adolescent Psychiatry*, 38(8), 992-999.
- Schroder, R., Sellman, D., Frampton, C., & Deering, D. (2009). Youth retention: Factors associated with treatment drop-out from youth alcohol and other drug treatment. *Drug and Alcohol Review*, 28, 663-668.
- Serketich, W., & Dumas, J. (1996). The effectiveness of behavioral parent training to modify antisocial behavior in children: A meta-analysis. *Behavior therapy*, 27(2), 171-186.
- Shaw, D., Owens, E., Vondra, I., Keenan, K., & Winslow, E. (1996). Early risk factors and pathways in the development of early disruptive behavior problems. *Development and Psychopathology*, 8, 679-699.
- Shaw, M., Hodgkins, P., Caci, H., Young, S., Kahle, J., Woods, A., et al. (2012). A systematic review and analysis of long-term outcomes in attention deficit hyperactivity disorder: effects of treatment and non-treatment. *BMC Medicine*, 10(99), 1-15.
- Simons, R., Wu, C., Conger, R., & Lorenz, F. (1994). Two routes to delinquency: Differences between early and late starters in the impact of parenting and deviant peers. *Criminology*, 32(2), 247-276.
- Spitzer, R., Gibbon, M., & Williams, J. (1998). *Structured Clinical Interview for DSM-IV Axis I Disorders: Patient Edition (February 1996 Final)*, SCID-I/P. New York: New York State Psychiatric Institute, Biometrics Research Department.
- SPSS (2008). SPSS 17.0 family. Chicago, IL: SPSS.
- SPSS (2009). SPSS 18.0 family. Chicago, IL: SPSS.
- Tibbetts, S., & Piquero, A. (1999). The influence of gender, low birth weight, and disadvantaged environment in predicting early onset of offending: A test of Moffitt's interactional hypothesis. *Criminology*, 37(4), 843-878.
- Van den Reijen, L., Nijman, H., Orobio de Castro, B., & Schmitz, R. (2013). Kenmerken van jongeren met gedragsproblemen en samenhang met het voltooien van een residentiële behandeling. [Which characteristics of adolescents with behavioural problems are associated with the completion of residential treatment]. *Tijdschrift voor Psychiatrie*, 55(6), 395-404.
- Van der Pol, T., Machteld, H., Noom, M., Stams, G., Doreleijers, T., Van Domburgh, L., et al. (2017). Research review: The effectiveness of multidimensional family therapy in

- treating adolescents with multiple behavior problems - a meta-analysis. *Journal of Child Psychology and Psychiatry*, 58(5), 532-545.
- Van Domburgh, L., Loeber, R., Bezemer, D., Stallings, R., & Stouthamer-Loeber, M. (2009). Childhood predictors of desistance and level of persistence in offending in early onset offenders. *Journal of Abnormal Child Psychology*, 37(7), 967-980.
- Van Domburgh, L., Vermeiren, R., Blokland, A., & Doreleijers, T. (2009). Delinquent development in Dutch childhood arrestees: Developmental trajectories, risk factors and co-morbidity with adverse outcomes during adolescence 0-6. *Journal of Abnormal Child Psychology*, 37, 93-105.
- Van Laar, M., Van Ooyen-Houben, M., Cruts, A., Meijer, R., Croes, E., Ketelaars, A., et al. (2014). *Nationale Drug Monitor 2013 - 2014*. Utrecht: Trimbos-instituut.
- Vaughn, M., DeLisi, M., Gunter, T., Fu, Q., Beaver, K., Perron, B., et al. (2011). The severe 5%: A latent class analysis of the externalizing behavior spectrum in the United States. *Journal of Criminal Justice*, 39, 75-80.
- Veenstra, R., Lindenberg, S., Verhulst, F., & Ormel, J. (2009). Childhood-limited versus persistent antisocial behavior. Why do some recover and others do not? The TRAILS study. *Journal of Early Adolescence*, 29(5), 718-742.
- Verdurmen, J., Monshouwer, K., Van Dorsselaer, S., Lokman, S., Vermeulen-Smit, E., & Vollebergh, W. (2011). *Jeugd en Riskant Gedrag 2011: Kerngegevens uit het Peilstationsonderzoek Scholieren. [Adolescents and Risk-Taking Behavior in 2011: Key Figures from the Dutch National School Survey]*. Utrecht: Trimbos-instituut.
- Verhulst, F., Van der Ende, J., & Koot, H. (1997). *Handleiding voor de Youth Self-Report (YSR). [Manual for the Youth Self-Report (YSR)]*. Afdeling Kinder-en Jeugdpsychiatrie, Sophia Kinderziekenhuis/Academisch Ziekenhuis Rotterdam/Erasmus Universiteit Rotterdam.
- Vermeiren, R. (2003). Psychopathology and delinquency in adolescents: A descriptive and developmental perspective. *Clinical Psychology Review*, 23, 277-318.
- Vreugdenhil, C., Van den Brink, W., Ferdinand, R., Wouters, L., & Doreleijers, T. (2006). The ability of YSR scales to predict DSM/DISC-C psychiatric disorders among incarcerated male adolescents. *European Child & Adolescent Psychiatry*, 15(2), 88-96.
- Webster-Stratton, C., Reid, M., & Hammond, M. (2004). Treating children with early-onset conduct problems: Intervention outcomes for parent, child, and teacher training. *Journal of Clinical Child and Adolescent Psychology*, 33(1), 105-124.
- Wiesner, M., & Capaldi, D. (2003). Relations of childhood and adolescent factors to offending trajectories of young men. *Journal of Research in Crime and Delinquency*, 40, 231-262.

- World Health Organization. (2010). *International Classification of Diseases* (10th rev. ed.). Geneva: World Health Organization.
- Young, J. (1990). *Cognitive Therapy for Personality Disorders: A Schema-Focussed Approach*. Sarasota FL, USA: Professional Resource Press.
- Young, J., Klosko, J., & Weishaar, M. (2004). *Schemagerichte Therapie: Handboek voor Therapeuten. [Scheme Based Therapy: Manual for Therapists]*. Houten: Bohn Stafleu van Loghum.

