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reference list

- Abramson, L. Y., Metalsky, G. I., & Alloy, L. B. (1989). Hopelessness depression: A theory-based subtype of depression. *Psychological Review*, 96(2). doi: 10.1037/0033-295X.96.2.358
- Aiken, L. S., & West, S. G. (1991). *Multiple regression: Testing and interpreting interactions*: Sage Publications, Incorporated.
- Alloy, L. B., Abramson, L. Y., Whitehouse, W. G., Hogan, M. E., Panzarella, C., & Rose, D. T. (2006). Prospective incidence of first onsets and recurrences of depression in individuals at high and low cognitive risk for depression. *Journal of Abnormal Psychology*, 115(1). doi: 10.1037/0021-843X.115.1.145
- Altman, D., Schulz, K., Moher, D., Egger, M., Davidoff, F., Elbourne, D., . . . Lang, T. (2001). The revised CONSORT statement for reporting randomized trials: explanation and elaboration. *Annals of Internal Medicine*, 134(8). doi: 10.7326/0003-4819-134-8-200104170-00012
- American Psychiatric Association (2000). *Diagnostic and statistical manual of mental disorders* (4th ed., text rev.).
- Amir, N., Weber, G., Beard, C., Bomyea, J., & Taylor, C. T. (2008). The effect of a single-session attention modification program on response to a public-speaking challenge in socially anxious individuals. *Journal of Abnormal Psychology*, 117(4), 860. doi: 10.1037/a0013445
- Anderson, I. M., Shippen, C., Juhasz, G., Chase, D., Thomas, E., Downey, D., . . . Deakin, J. F. W. (2011). State-dependent alteration in face emotion recognition in depression. *The British Journal of Psychiatry*, 198(4). doi: 10.1192/bjp.bp.110.078139
- Antypa, N., Cerit, H., Kruijt, A.-W., Verhoeven, F. E. A., & Van der Does, A. J. W. (2011). Relationships among 5-HTT Genotype, Life Events and Gender in the Recognition of Facial Emotions. *Neuroscience*, 172(1). doi: 10.1016/j.neuroscience.2010.10.042
- Antypa, N., & Van der Does, A. J. W. (2010). Serotonin transporter gene, childhood emotional abuse and cognitive vulnerability to depression. *Genes, Brain and Behavior*, 9(6). doi: 10.1111/j.1601-183X.2010.00593.x
- Antypa, N., Van der Does, A. J. W., & Penninx, B. W. J. H. (2010). Cognitive reactivity: Investigation of a potentially treatable marker of suicide risk in depression. *Journal of Affective Disorders*, 122(1-2). doi: 10.1016/j.jad.2009.06.013
- Baert, S., De Raedt, R., Schacht, R., & Koster, E. H. W. (2010). Attentional bias training in depression: Therapeutic

- effects depend on depression severity. *Journal of Behavior Therapy and Experimental Psychiatry*, 41(3), 265-274. doi: 10.1016/j.jbtep.2010.02.004
- Baker, A. J. L., & Maiorino, E. (2010). Assessments of emotional abuse and neglect with the CTQ: Issues and estimates. *Children and Youth Services Review*, 32(5). doi: 10.1016/j.childyouth.2010.01.011
- Baron-Cohen, S., Wheelwright, 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*, 42(2). doi: 10.1111/1469-7610.00715
- Bar-Haim, Y. (2010). Research Review: Attention bias modification (ABM): a novel treatment for anxiety disorders. *Journal of Child Psychology and Psychiatry*, 51(8), 859–870. doi: 10.1111/j.1469-7610.2010.02251.x
- Beck, A. T. (1967). *Depression: Clinical, experimental, and theoretical aspects*. New York: Harper and Row.
- Beck, A., Epstein, N., Brown, G., & Steer, R. (1988). An inventory for measuring clinical anxiety: Psychometric properties. *Journal of Consulting and Clinical Psychology*, 56(6). doi: 10.1037/0022-006X.56.6.893
- Beck, A., Steer, R., & Brown, G. (1996). Beck Depression Inventory-II (BDI-II). *San Antonio, TX: Psychological Corporation*.
- Beevers, C. G. (2005). Cognitive vulnerability to depression: A dual process model. *Clinical Psychology Review*, 25(7). doi: 10.1016/j.cpr.2005.03.003
- Beevers, C. G., Gibb, B. E., McGeary, J. E., & Miller, I. W. (2007). Serotonin transporter genetic variation and biased attention for emotional word stimuli among psychiatric inpatients. *Journal of Abnormal Psychology*, 116(1). doi: 10.1037/0021-843X.116.1.208
- Belsky, J., & Pluess, M. (2009). Beyond diathesis stress: differential susceptibility to environmental influences. *Psychological Bulletin*, 135(6). doi: 10.1037/a0017376
- Bernstein, D. P., & Fink, L. (1998). *Childhood Trauma Questionnaire: A retrospective self-report*: Harcourt Brace & Company.
- 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 & Neglect*, 27(2). doi: 10.1016/s0145-2134(02)00541-0
- Bhagwagar, Z., Cowen, P. J., Goodwin, G. M., & Harmer, C. J. (2004). Normalization of Enhanced Fear Recognition by Acute SSRI Treatment in Subjects With a Previous History of Depression. *American Journal of Psychiatry*, 161(1). doi: 10.1176/appi.ajp.161.1.166
- Bijl, R. V., De Graaf, R., Ravelli, A., Smit, F., & Vollebergh, W. A. (2002). Gender and age-specific first incidence of DSM-III-R psychiatric disorders in the general population Results from the Netherlands Mental Health Survey and Incidence Study (NEMESIS). *Social Psychiatry and Psychiatric Epidemiology*, 37(8).
- Blaut, A., Paulewicz, B. Ç., Szastok, M., Prochwicz, K., & Koster, E. (2013). Are attentional bias and memory bias for negative words causally related? *Journal of Behavior Therapy*

- and *Experimental Psychiatry*, 44(3). doi: 10.1016/j.jbtep.2013.01.002
- Boettcher, J., Berger, T., & Renneberg, B. (2012). Internet-Based Attention Training for Social Anxiety: A Randomized Controlled Trial. *Cognitive Therapy and Research*. doi: 10.1007/s10608-011-9374-y
- Booij, L., & Van der Does, A. J. W. (2007). Cognitive and serotonergic vulnerability to depression: Convergent findings. *Journal of Abnormal Psychology*, 116(1). doi: 10.1037/0021-843X.116.1.86
- Booij, L., & van der Does, A. J. W. (2011). Emotional processing as a predictor of symptom change: An acute tryptophan depletion study in depressed patients. *European Neuropsychopharmacology*, 21(5).
- Bourke, C., Douglas, K., & Porter, R. (2010). Processing of Facial Emotion Expression in Major Depression: A Review. *Australian and New Zealand Journal of Psychiatry*, 44(8). doi: 0.3109/00048674.2010.496359
- Boutron, I., Moher, D., Altman, D., Schulz, K., & Ravaud, P. (2008). Extending the CONSORT statement to randomized trials of nonpharmacologic treatment: explanation and elaboration. *Annals of Internal Medicine*, 148(4). doi: 10.7326/0003-4819-148-4-200802190-00008
- Bradley, B. P., Mogg, K., & Lee, S. C. (1997). Attentional biases for negative information in induced and naturally occurring dysphoria. *Behaviour Research and Therapy*, 35(10). doi: 10.1016/S0005-7967(97)00053-3
- Browning, M., Grol, M., Ly, V., Goodwin, G. M., Holmes, E. A., & Harmer, C. J. (2011). Using an Experimental Medicine Model to Explore Combination Effects of Pharmacological and Cognitive Interventions for Depression and Anxiety. *Neuropsychopharmacology*, 36(13). doi: 10.1038/npp.2011.159
- Browning, M., Holmes, E. A., Charles, M., Cowen, P. J., & Harmer, C. J. (2012). Using Attentional Bias Modification as a Cognitive Vaccine Against Depression. *Biological Psychiatry*, 72(7). doi: 10.1016/j.biopsych.2012.04.014
- Browning, M., Holmes, E. A., & Harmer, C. J. (2010). The modification of attentional bias to emotional information: A review of the techniques, mechanisms, and relevance to emotional disorders. *Cognitive, Affective, & Behavioral Neuroscience*, 10(1), 8-20. doi: 10.3758/cabn.10.1.8
- Brugha, T. S., Bebbington, P., Tennant, C., & Hurry, J. (1985). The List of Threatening Experiences: a subset of 12 life event categories with considerable long-term contextual threat. *Psychological Medicine*, 15(1). doi: 10.1017/S003329170002105X
- Brugha, T. S., & Cragg, D. (1990). The List of Threatening Experiences: the reliability and validity of a brief life events questionnaire. *Acta Psychiatrica Scandinavica*, 82(1). doi: 10.1111/j.1600-0447.1990.tb01360.x
- Burke, L. (2003). The impact of maternal depression on familial relationships. *International Review of Psychiatry*, 15(3). doi: 0.1080/0954026031000136866
- Carlbring, P., Apelstrand, M., Sehlin, H., Amir, N., Rousseau, A., Hofmann, S., & Andersson, G. (2012). Internet-delivered attention bias modification training in individuals

- with social anxiety disorder - a double blind randomized controlled trial. *BMC Psychiatry*, *12*(1). doi: 10.1186/1471-244X-12-66
- Caspi, A., Sugden, K., Moffitt, T. E., Taylor, A., Craig, I. W., Harrington, H., . . . Poulton, R. (2003). Influence of Life Stress on Depression: Moderation by a Polymorphism in the 5-HTT Gene. *Science*, *301*(5631). doi: 10.1126/science.1083968
- Cohen, J. (1992). A power primer. *Psychological Bulletin*, *112*(1). doi: 10.1037/0033-2909.112.1.155
- Costa, P. T., McCrae, R. R., & Psychological Assessment Resources, I. (1992). *Revised neo personality inventory (neo pi-r) and neo five-factor inventory (neo-ffi)*: Psychological Assessment Resources Odessa, FL.
- Cuijpers, P., & Smit, F. (2002). Excess mortality in depression: a meta-analysis of community studies. *Journal of Affective Disorders*, *72*(3). doi: 10.1016/S0165-0327(01)00413-X
- Cuijpers, P., van Straten, A., Bohlmeijer, E., Hollon, S. D., & Andersson, G. (2010). The effects of psychotherapy for adult depression are overestimated: a meta-analysis of study quality and effect size. *Psychological Medicine*, *40*(02), 211-223. doi: doi:10.1017/S0033291709006114
- Dandeneau, S. D., & Baldwin, M. W. (2004). The Inhibition of Socially Rejecting Information Among People with High Versus Low Self-Esteem: The Role of Attentional Bias and the Effects of Bias Reduction Training. *Journal of Social and Clinical Psychology*, *23*(4). doi: 10.1521/jscp.23.4.584.40306
- Dandeneau, S. D., & Baldwin, M. W. (2009). The buffering effects of rejection-inhibiting attentional training on social and performance threat among adult students. *Contemporary Educational Psychology*, *34*(1). doi: 10.1016/j.cedpsych.2008.05.004
- Dandeneau, S. D., Baldwin, M. W., Baccus, J. R., Sakellaropoulou, M., & Pruessner, J. C. (2007). Cutting Stress Off at the Pass: Reducing Vigilance and Responsiveness to Social Threat by Manipulating Attention. *Journal of Personality and Social Psychology*, *93*(4). doi: 10.1037/0022-3514.93.4.651
- Demenescu, L. R., Kortekaas, R., den Boer, J. A., & Aleman, A. (2010). Impaired Attribution of Emotion to Facial Expressions in Anxiety and Major Depression. *PLoS ONE*, *5*(12). doi: 10.1371/journal.pone.0015058
- Demirkan, A., Penninx, B. W. J. H., Hek, K., Wray, N. R., Amin, N., Aulchenko, Y. S., . . . Middeldorp, C. M. (2011). Genetic risk profiles for depression and anxiety in adult and elderly cohorts. *Molecular Psychiatry*, *16*(7). doi: 10.1038/mp.2010.65;
- De Raedt, R., & Koster, E. (2010). Understanding vulnerability for depression from a cognitive neuroscience perspective: A reappraisal of attentional factors and a new conceptual framework. *Cognitive, Affective, & Behavioral Neuroscience*, *10*(1). doi: 10.3758/CABN.10.1.50
- Donaldson, C., Lam, D., & Mathews, A. (2007). Rumination and attention in major depression. *Behaviour Research and Therapy*, *45*(11), 2664-2678. doi: 10.1016/j.brat.2007.07.002
- Douglas, K. M., & Porter, R. J. (2010). Recognition of disgusted facial

- expressions in severe depression. *The British Journal of Psychiatry*, 197(2). doi: 10.1192/bjp.bp.110.078113
- Drost, J., Spinhoven, P., Kruijt, A.-W., & Van der Does, W. (2013). The influence of worry and avoidance on the Iowa Gambling Task. *Journal of Behavior Therapy and Experimental Psychiatry*, 45(1). doi: 10.1016/j.jbtep.2013.08.001
- E**lgersma, H. J., Glashouwer, K. A., Bockting, C. L. H., Penninx, B. W., & De Jong, P. J. (2013). Hidden Scars in Depression: Implicit and Explicit Self-Associations in Recurrence of Depression. *Journal of Abnormal Psychology*, 122(4). doi: 10.1037/a0034933
- Evans, J., Heron, J., Lewis, G., Araya, R., & Wolke, D. (2005). Negative self-schemas and the onset of depression in women: longitudinal study. *British Journal of Psychiatry*, 186(4). doi: 10.1192/bjp.186.4.302
- Evans, M. D., Hollon, S. D., Derubeis, R. J., Piasecki, J. M., Grove, W. M., Garvey, M. J., & Tuason, V. B. (1992). Differential Relapse Following Cognitive Therapy and Pharmacotherapy for Depression. *Archives of General Psychiatry*, 49(10). doi: 10.1001/rchpsyc.1992.01820100046009
- F**ava, G. A., Rafanelli, C., Grandi, S., Canestrari, R., & Morphy, M. A. (1998). Six-year outcome for cognitive behavioral treatment of residual symptoms in major depression. [Article]. *American Journal of Psychiatry*, 155(10). doi: 10.1176/appi.ajp.161.10.1872
- Faul, F., Erdfelder, E., Lang, A.-G., & Buchner, A. (2007). G*Power 3: A flexible statistical power analysis program for the social, behavioral, and biomedical sciences. *Behavior Research Methods*, 39(2), 175-191. doi: 10.3758/bf03193146
- Fox, E., Ridgewell, A., & Ashwin, C. (2009). Looking on the bright side: biased attention and the human serotonin transporter gene. *Proceedings of the Royal Society B: Biological Sciences*, 276(1663). doi: 10.1098/rspb.2008.1788
- Fox, E., Zougkou, K., Ridgewell, A., & Garner, K. (2011). The Serotonin Transporter Gene Alters Sensitivity to Attention Bias Modification: Evidence for a Plasticity Gene. *Biological Psychiatry*, 70(11). doi: 10.1016/j.biopsych.2011.07.004
- Friedman, M. A., Detweiler-Bedell, J. B., Leventhal, H. E., Home, R., Keitner, G. I., & Miller, I. W. (2004). Combined Psychotherapy and Pharmacotherapy for the Treatment of Major Depressive Disorder. *Clinical Psychology: Science and Practice*, 11(1). doi: 10.1093/clipsy.bph052
- Fritzsche, A., Dahme, B., Gotlib, I. H., Joormann, J., Magnussen, H., Watz, H., . . . von Leupoldt, A. (2009). Specificity of cognitive biases in patients with current depression and remitted depression and in patients with asthma. *Psychological Medicine*, 40(5). doi: 10.1017/S0033291709990948
- Fyer, A. J., & Weissman, M. M. (1999). Genetic linkage study of panic: clinical methodology and description of pedigrees. *American Journal of Medical Genetics*, 88(2). doi: 10.1002/(SICI)1096-8628(19990416)88:2<173::AID-AJMG15>3.0.CO;2-#

- Gibb, B. E., Benas, J. S., Grassia, M., & McGeary, J. (2009). Children's Attentional Biases and 5-HTTLPR Genotype: Potential Mechanisms Linking Mother and Child Depression. *Journal of Clinical Child and Adolescent Psychology, 38*(3). doi: 10.1080/15374410902851705
- Gibb, B. E., Johnson, A. L., Benas, J. S., Uhrlass, D. J., Knopik, V. S., & McGeary, J. E. (2010). Children's 5-HTTLPR genotype moderates the link between maternal criticism and attentional biases specifically for facial displays of anger. *Cognition & Emotion, 25*(6). doi: 0.1080/02699931.2010.508267
- Giesbrecht, T., Abidi, K., Smeets, T., Merckelbach, H., Oorsouw, K., & Raymaecker, L. (2009). Adversity does not always lead to psychopathology: cognitive reactivity is related to longitudinal changes in resilience. *Netherlands Journal of Psychology, 65*(2). doi: 10.1007/bf03080128
- Glashouwer, K. A., & de Jong, P. J. (2009). Disorder-specific automatic self-associations in depression and anxiety: results of The Netherlands Study of Depression and Anxiety. *Psychological Medicine, 40*(07). doi: 10.1017/S0033291709991371
- Glashouwer, K. A., de Jong, P. J., & Penninx, B. W. J. H. (2012). Prognostic value of implicit and explicit self-associations for the course of depressive and anxiety disorders. *Behaviour Research and Therapy, 50*. doi: 10.1016/j.brat.2012.05.002
- Glashouwer, K. A., de Jong, P. J., Penninx, B. W. J. H., Kerkhof, A. J. F. M., van Dyck, R., & Ormel, J. (2010). Do Automatic Self-Associations Relate to Suicidal Ideation? *Journal of Psychopathology and Behavioral Assessment, 32*(3). doi: 10.1007/s10862-009-9156-y
- Glashouwer, K. A., Smulders, F. T. Y., de Jong, P. J., Roefs, A., & Wiers, R. W. H. J. (2013). Measuring automatic associations: Validation of algorithms for the Implicit Association Test (IAT) in a laboratory setting. *Journal of Behavior Therapy and Experimental Psychiatry, 44*(1). doi: 10.1016/j.jbtep.2012.07.015
- Goeleven, E., De Raedt, R., Leyman, L., & Verschuere, B. (2008). The Karolinska Directed Emotional Faces: A validation study. *Cognition & Emotion, 22*(6). doi: 10.1080/02699930701626582
- Gotlib, I. H., Kasch, K. L., Traill, S., Joormann, J., Arnow, B. A., & Johnson, S. L. (2004). Coherence and specificity of information-processing biases in depression and social phobia. *Journal of Abnormal Psychology; Journal of Abnormal Psychology, 113*(3). doi: 10.1037/0021-843X.113.3.386
- Gottesman, I. I., & Gould, T. D. (2003). The endophenotype concept in psychiatry: etymology and strategic intentions. *American Journal of Psychiatry, 160*(4). doi: 10.1111/j.1601-183X.2005.00186.x
- Greenwald, A. G. (1998). Measuring individual differences in implicit cognition: the implicit association test. *Journal of personality and social psychology, 74*(6). doi: 10.1037/0022-3514.74.6.1464
- Greenwald, A. G., & Farnham, S. D. (2000). Using the Implicit Association Test to measure self-esteem and self-concept. *Journal of personality and social psychology, 79*(6). doi: 10.1037/0022-3514.79.6.1022
- Greenwald, A. G., Nosek, B. A., & Banaji,

- M. R. (2003). Understanding and using the Implicit Association Test: I. An improved scoring algorithm. *Journal of personality and social psychology*, 85(2). doi: 10.1037/0022-3514.85.2.197
- Haefffel, G. J., Abramson, L. Y., Brazy, P. C., Shah, J. Y., Teachman, B. A., & Nosek, B. A. (2007). Explicit and implicit cognition: A preliminary test of a dual-process theory of cognitive vulnerability to depression. *Behaviour Research and Therapy*, 45(6). doi: 10.1016/j.brat.2006.09.003
- Haefffel, G., Rozek, D., Hames, J., & Technow, J. (2012). Too Much of a Good Thing: Testing the Efficacy of a Cognitive Bias Modification Task for Cognitively Vulnerable Individuals. *Cognitive Therapy and Research*, 36(5). doi: 10.1007/s10608-011-9379-6
- Hakamata, Y., Lissek, S., Bar-Haim, Y., Britton, J. C., Fox, N. A., Leibenluft, E., . . . Pine, D. S. (2010). Attention Bias Modification Treatment: A Meta-Analysis Toward the Establishment of Novel Treatment for Anxiety. *Biological Psychiatry*, 86(11). doi: 10.1016/j.biopsych.2010.07.021
- Hallion, L. S., & Ruscio, A. M. (2011). A meta-analysis of the effect of cognitive bias modification on anxiety and depression. *Psychological Bulletin*, 137(6), 940-958. doi: 10.1037/a0024355
- Hamilton, E. W., & Abramson, L. Y. (1983). Cognitive patterns and major depressive disorder: A longitudinal study in a hospital setting. *Journal of Abnormal Psychology*, 92(2). doi: 10.1037/0021-843x.92.2.173
- Hansen, C. H., & Hansen, R. D. (1988). Finding the face in the crowd: An anger superiority effect. *Journal of Personality and Social Psychology*, 54(6), 917-924. doi: 10.1037/0022-3514.54.6.917
- Hardeveld, F., Spijker, J., De Graaf, R., Nolen, W. A., & Beekman, A. T. F. (2013). Recurrence of major depressive disorder and its predictors in the general population: results from The Netherlands Mental Health Survey and Incidence Study (NEMESIS). *Psychological Medicine*, 43(01). doi: doi:10.1017/S0033291712002395
- Harkness, K. L., Jacobson, J. A., Duong, D., & Sabbagh, M. A. (2010). Mental state decoding in past major depression: Effect of sad versus happy mood induction. *Cognition & Emotion*, 24(3). doi: 10.1080/02699930902750249
- Harkness, K. L., Sabbagh, M. A., Jacobson, J. A., Chowdrey, N., & Chen, T. (2005). Enhanced accuracy of mental state decoding in dysphoric college students. *Cognition & Emotion*, 19(7). doi: 10.1080/02699930541000110
- Harmer, C. J., Goodwin, G. M., & Cowen, P. J. (2009). Why do antidepressants take so long to work? A cognitive neuropsychological model of antidepressant drug action. *The British Journal of Psychiatry*, 195(2).
- Hasler, G., Drevets, W. C., Manji, H. K., & Charney, D. S. (2004). Discovering Endophenotypes for Major Depression. *Neuropsychopharmacology*, 29(10). doi: 10.1038/sj.npp.1300506
- Hu, X. Z., Lipsky, R. H., Zhu, G., Akhtar, L. A., Taubman, J., Greenberg, B. D., . . . Kennedy, J. L. (2006). Serotonin transporter promoter gain-of-function genotypes are linked to obsessive-compulsive disorder. *American Journal of Human Genetics*,

78(5). doi: 10.1086/503850

Hunt, M., & Forand, N. (2005). Cognitive vulnerability to depression in never depressed subjects. *Cognition & Emotion, 19*(5). doi: 10.1080/02699930441000382

Jacobs, R. H., Pine, D. S., Schoeny, M. E., Henry, D. B., Gollan, J. K., Moy, G., . . . Wakschlag, L. S. (2011). Maternal depressive history, teen 5HTTLPR genotype, and the processing of emotional faces: Exploring mechanisms of risk. *Behaviour Research and Therapy, 49*(1). doi: 10.1016/j.brat.2010.10.004

Johnson, A. L., Gibb, B. E., & McGeary, J. (2010). Reports of Childhood Physical Abuse, 5-HTTLPR Genotype, and Women's Attentional Biases for Angry Faces. *Cognitive Therapy and Research, 34*(4). doi: 10.1007/s10608-009-9269-3

Joormann, J., & Gotlib, I. (2007). Selective attention to emotional faces following recovery from depression. *Journal of Abnormal Psychology, 116*(1). doi: 10.1037/0021-843X.116.1.80

Joormann, J., Talbot, L., & Gotlib, I. (2007). Biased processing of emotional information in girls at risk for depression. *Journal of Abnormal Psychology, 116*(1). doi: 10.1037/0021-843X.116.1.135

Just, N., Abramson, L. Y., & Alloy, L. B. (2001). Remitted depression studies as tests of the cognitive vulnerability hypotheses of depression onset: A critique and conceptual analysis. *Clinical Psychology Review, 21*(1). doi: 10.1016/S0272-7358(99)00035-5

Karg, K., Burmeister, M., Shedden, K., & Sen, S. (2011). The Serotonin Transporter Promoter Variant (5-HTTLPR), Stress, and Depression Meta-analysis Revisited: Evidence of Genetic Moderation. *Archives of General Psychiatry, 68*(1). doi: 10.1001/archgenpsychiatry.2010.189

Klok, M. D., Giltay, E. J., Van der Does, A. J. W., Geleijnse, J. M., Antypa, N., Penninx, B. W. J. H., . . . DeRijk, R. H. (2011). A common and functional mineralocorticoid receptor haplotype enhances optimism and protects against depression in females. *Transl Psychiatry, 1*. doi: 10.1038/tp.2011.59

Klumpp, H., & Amir, N. (2009). Preliminary Study of Attention Training to Threat and Neutral Faces on Anxious Reactivity to a Social Stressor in Social Anxiety. *Cognitive Therapy and Research, 34*(3). doi: 10.1007/s10608-009-9251-0

Koster, E. H. W., Crombez, G., Verschuere, B., & De Houwer, J. (2004). Selective attention to threat in the dot probe paradigm: differentiating vigilance and difficulty to disengage. *Behaviour Research and Therapy, 42*(10), 1183-1192. doi: 10.1016/j.brat.2003.08.001

Kruijt, A.-W., Putman, P., & Van der Does, A. J. W. (2013a). The effects of a visual search attentional bias modification paradigm on attentional bias in dysphoric individuals. *Journal of Behavior Therapy and Experimental Psychiatry, 44*(2). doi: 10.1016/j.jbtep.2012.11.003

Kruijt, A.-W., Putman, P., & Van der Does, A. J. W. (2013). A Multiple Case Series Analysis of Six Variants of Attentional Bias Modification for

- Dysphoria. *ISRN Psychiatry*, 2013, 8. doi: 10.1155/2013/414170
- Kwang, T., Wells, T., McGeary, J., Swann Jr, W., & Beevers, C. (2010). Association of the serotonin transporter promoter region polymorphism with biased attention for negative word stimuli. *Depression and Anxiety*, 27(8). doi: 10.1002/da.20708
- LaGrange, B., Cole, D. A., Jacquez, F., Ciesla, J., Dallaire, D., Pineda, A., . . . Felton, J. (2011). Disentangling the prospective relations between maladaptive cognitions and depressive symptoms. *Journal of Abnormal Psychology*, 120(3). doi: 10.1037/a0024685
- Lang, P. J., Bradley, M. M., & Cuthbert, B. N. (1999). International affective picture system (IAPS): Instruction manual and affective ratings. *The Center for Research in Psychophysiology, University of Florida*.
- Lamers, F., Hoogendoorn, A. W., Smit, J. H., van Dyck, R., Zitman, F. G., Nolen, W. A., & Penninx, B. W. (2012). Sociodemographic and psychiatric determinants of attrition in the Netherlands Study of Depression and Anxiety (NESDA). *Comprehensive Psychiatry*, 53(1). doi: 10.1016/j.comppsy.2011.01.011
- Lee, S. H., Goddard, M. E., Wray, N. R., & Visscher, P. M. (2012). A Better Coefficient of Determination for Genetic Profile Analysis. *Genetic Epidemiology*, 36(3). doi: 10.1002/gepi.21614
- Lee, L., Harkness, K. L., Sabbagh, M. A., & Jacobson, J. A. (2005). Mental state decoding abilities in clinical depression. *Journal of Affective Disorders*, 86(2-3). doi: 10.1016/j.jad.2005.02.007
- Lenzenweger, M. F. (2013). Endophenotype, intermediate phenotype, biomarker: definitions, concept comparisons, clarifications. *Depression and Anxiety*, 30(3). doi: 10.1002/da.22042
- Lewinsohn, P. M., Joiner Jr, T. E., & Rohde, P. (2001). Evaluation of cognitive diathesis-stress models in predicting major depressive disorder in adolescents. *Journal of Abnormal Psychology*, 110(2). doi: 10.1037/0021-843X.110.2.203
- Lewinsohn, P. M., Steinmetz, J. L., Larson, D. W., & Franklin, J. (1981). Depression-related cognitions: Antecedent or consequence? *Journal of Abnormal Psychology*, 90(3). doi: 10.1037/0021-843x.90.3.213
- Lopez-Duran, N. L., Kuhlman, K. R., George, C., & Kovacs, M. (2012). Facial emotion expression recognition by children at familial risk for depression: high-risk boys are oversensitive to sadness. *Journal of Child Psychology and Psychiatry*, 54(5). doi: 10.1111/jcpp.12005
- Lundqvist, D., Flykt, A., & Ohman, A. (1998). The Karolinska directed emotional faces. *Stockholm, Sweden: Karolinska Institute*.
- MacLeod, C., Mackintosh, B., & Vujic, T. (2009). *Does the explicit communication of the training contingency enhance the efficacy of cognitive behaviour modification (CBM)?* Paper presented at the special meeting on Cognitive Bias

- Modification in emotional disorders and addiction: New developments. Ghent, Belgium. Ghent, Belgium.
- MacLeod, C., & Mathews, A. (2012). Cognitive Bias Modification Approaches to Anxiety. *Annual Review of Clinical Psychology*, 8(1), 189-217. doi: doi:10.1146/annurev-clinpsy-032511-143052
- MacLeod, C., Mathews, A., & Tata, P. (1986). Attentional bias in emotional disorders. *Journal of Abnormal Psychology*, 95(1). doi: 10.1037/0021-843X.95.1.15
- MacLeod, C., Rutherford, E., Campbell, L., Ebsworthy, G., & Holker, L. (2002). Selective attention and emotional vulnerability: Assessing the causal basis of their association through the experimental manipulation of attentional bias. *Journal of Abnormal Psychology*, 111(1). doi: 10.1037//0021-843X.111.1.107
- Marsh, A., Finger, E., Buzas, B., Soliman, N., Richell, R., Vythilingham, M., . . . Blair, R. J. R. (2006). Impaired recognition of fear facial expressions in 5-HTTLPR S-polymorphism carriers following tryptophan depletion. *Psychopharmacology*, 189(3). doi: 10.1007/s00213-006-0581-2
- Mathers, C. D., Fat, D. M., & Boerma, J. (2008). *The global burden of disease: 2004 update*: World Health Organization.
- Merens, W., Booij, L., & Van Der Does, A. J. W. (2008). Residual cognitive impairments in remitted depressed patients. *Depression and Anxiety*, 25(6). doi: 10.1002/da.20391
- Meyer, T. J., Miller, M. L., Metzger, R. L., & Borkovec, T. D. (1990). Development and validation of the penn state worry questionnaire. *Behaviour Research and Therapy*, 28(6), 487-495. doi: 10.1016/0005-7967(90)90135-6
- Miller, R., Wankerl, M., Stalder, T., Kirschbaum, C., & Alexander, N. (2012). The serotonin transporter gene-linked polymorphic region (5-HTTLPR) and cortisol stress reactivity: a meta-analysis. *Molecular Psychiatry*. doi: 10.1038/mp.2012.124
- Miranda, J., Gross, J. J., Persons, J. B., & Hahn, J. (1998). Mood Matters: Negative Mood Induction Activates Dysfunctional Attitudes in Women Vulnerable to Depression. *Cognitive Therapy and Research*, 22(4). doi: 10.1023/a:1018709212986
- Miranda, J., & Persons, J. B. (1988). Dysfunctional attitudes are mood-state dependent. *Journal of Abnormal Psychology*, 97(1). doi: 10.1037/0021-843x.97.1.76
- Moffitt, T., Caspi, A., Taylor, A., Kokaua, J., Milne, B., Polanczyk, G., & Poulton, R. (2010). How common are common mental disorders? Evidence that lifetime prevalence rates are doubled by prospective versus retrospective ascertainment. *Psychological Medicine*, 40(6). doi: 10.1017/S0033291709991036
- Mogg, K., & Bradley, B. P. (2005). Attentional Bias in Generalized Anxiety Disorder Versus Depressive Disorder. *Cognitive Therapy and Research*, 29(1). doi: 10.1007/s10608-005-1646-y
- Monroe, S. M., & Simons, A. D. (1991). Diathesis-stress theories in the context of life stress research: Implications for the depressive disorders. *Psychological Bulletin*, 110(3). doi: 10.1037/0033-2909.110.3.406
- Moulds, M. L., Kandris, E., Williams, A. D., Lang, T., Yap, C., & Hoffmeister, K. (2008). An Investigation of the Relationship between Cognitive Reactivity and

- Rumination. *Behavior Therapy*, 39(1). doi: 10.1016/j.beth.2007.05.001
- Mueller, T. I., Leon, A. C., Keller, M. B., Solomon, D. A., Endicott, J., Coryell, W., . . . Maser, J. D. (1999). Recurrence after recovery from major depressive disorder during 15 years of observational follow-up. *American Journal of Psychiatry*, 156(7).
- Munafó, M. R., Durrant, C., Lewis, G., & Flint, J. (2009). Gene - Environment Interactions at the Serotonin Transporter Locus. *Biological Psychiatry*, 65(3). doi: 10.1016/j.biopsych.2008.06.009
- N**eubauer, K., von Auer, M., Murray, E., Petermann, F., Helbig-Lang, S., & Gerlach, A. L. (2013). Internet-delivered attention modification training as a treatment for social phobia: A randomized controlled trial. *Behaviour Research and Therapy*, 51(2). doi: 10.1016/j.brat.2012.10.006
- Nolen-Hoeksema, S. (2000). The role of rumination in depressive disorders and mixed anxiety/depressive symptoms. *Journal of Abnormal Psychology*, 109(3).
- P**aykel, E. S. (2007). Cognitive therapy in relapse prevention in depression. *International Journal of Neuropsychopharmacology*, 10(01). doi: 10.1017/S1461145706006912
- Peckham, A., McHugh, R., & Otto, M. (2010). A meta analysis of the magnitude of biased attention in depression. *Depression and Anxiety*, 27(12). doi: 10.1002/da.20755
- Penninx, B. W. J. H., Beekman, A. T. F., Smit, J. H., Zitman, F. G., Nolen, W. A., Spinhoven, P., . . . Van Dyck, R. (2008). The Netherlands Study of Depression and Anxiety (NESDA): rationale, objectives and methods. *International Journal of Methods in Psychiatric Research*, 17(3). doi: 10.1002/mpr.256
- Pergamin-Hight, L., Bakermans-Kranenburg, M. J., van IJzendoorn, M. H., & Bar-Haim, Y. (2012). Variations in the Promoter Region of the Serotonin Transporter Gene and Biased Attention for Emotional Information: A Meta-Analysis. *Biological Psychiatry*, 71(4). doi: 10.1016/j.biopsych.2011.10.030
- Persons, J. B., & Miranda, J. (1992). Cognitive theories of vulnerability to depression: Reconciling negative evidence. *Cognitive Therapy and Research*, 16(4). doi: 10.1007/BF01183170
- R**aes, F., Dewulf, D., Van Heeringen, C., & Williams, J. M. G. (2009). Mindfulness and reduced cognitive reactivity to sad mood: Evidence from a correlational study and a non-randomized waiting list controlled study. *Behaviour Research and Therapy*, 47(7). doi: 10.1016/j.brat.2009.03.007
- Rapee, R. M., MacLeod, C., Carpenter, L., Gaston, J. E., Frei, J., Peters, L., & Baillie, A. J. (2013). Integrating cognitive bias modification into a standard cognitive behavioural treatment package for social phobia: A randomized controlled trial. *Behaviour Research and Therapy*, 51(4), 5. doi: 10.1016/j.brat.2013.01.005
- Risch, N., Herrell, R., Lehner, T., Liang, K.-Y., Eaves, L., Hoh, J., . . . Merikangas,

- K. R. (2009). Interaction Between the Serotonin Transporter Gene (5-HTTLPR), Stressful Life Events, and Risk of Depression. *JAMA: The Journal of the American Medical Association*, *301*(23). doi: 10.1001/jama.2009.878
- Roiser, J. P., Elliott, R., & Sahakian, B. J. (2012). Cognitive Mechanisms of Treatment in Depression. *Neuropsychopharmacology*, *37*(1), 117-136. doi: 10.1038/npp.2011.183
- Roshanaei-Moghaddam, B., Pauly, M. C., Atkins, D. C., Baldwin, S. A., Stein, M. B., & Roy-Byrne, P. (2011). Relative effects of CBT and pharmacotherapy in depression versus anxiety: is medication somewhat better for depression, and CBT somewhat better for anxiety? *Depression and Anxiety*, *28*(7). doi: 10.1002/da.20829
- Rush, A. J., Gullion, C. M., Basco, M. R., Jarrett, R. B., & Trivedi, M. H. (1996). The inventory of depressive symptomatology (IDS): psychometric properties. *Psychological Medicine*, *26*(3). doi: 10.1017/S0033291700035558
- Scher, C. D., Ingram, R. E., & Segal, Z. V. (2005). Cognitive reactivity and vulnerability: Empirical evaluation of construct activation and cognitive diatheses in unipolar depression. *Clinical Psychology Review*, *25*(4). doi: 10.1016/j.cpr.2005.01.005
- Schmidt, N. B., Richey, J. A., Buckner, J. D., & Timpano, K. R. (2009). Attention training for generalized social anxiety disorder. *Journal of Abnormal Psychology*, *118*(1), 5-14. doi: 10.1037/a0013643
- Schmukle, S. C. (2005). Unreliability of the dot probe task. *European Journal of Personality*, *19*(7), 595-605. doi: 10.1002/per.554
- Schoorl, M., Putman, P., & Van der Does, A. J. W. (2013). Attentional Bias Modification in Posttraumatic Stress Disorder: A Randomized Controlled Trial. *Psychotherapy and Psychosomatics*, *82*. doi: 10.1159/000341920
- Segal, Z. V., Gemar, M., & Williams, S. (1999). Differential cognitive response to a mood challenge following successful cognitive therapy or pharmacotherapy for unipolar depression. *Journal of Abnormal Psychology*, *108*(1). doi: 10.1037/0021-843x.108.1.3
- Segal, Z. V., & Ingram, R. E. (1994). Mood priming and construct activation in tests of cognitive vulnerability to unipolar depression. *Clinical Psychology Review*, *14*(7). doi: 10.1016/0272-7358(94)90003-5
- Segal, Z. V., Kennedy, S., Gemar, M., Hood, K., Pedersen, R., & Buis, T. (2006). Cognitive Reactivity to Sad Mood Provocation and the Prediction of Depressive Relapse. *Archives of General Psychiatry*, *63*(7). doi: 10.1001/archpsyc.63.7.749
- Seymour, J., & Benning, T. B. (2009). Depression, cardiac mortality and all-cause mortality. *Advances in Psychiatric Treatment*, *15*(2). doi: 10.1192/apt.bp.107.004770
- Shane, M. S., & Peterson, J. B. (2007). An evaluation of early and late stage attentional processing of positive and negative information in dysphoria. *Cognition and Emotion*, *21*(4). doi: 10.1080/02699930600843197
- Shapiro, D. A., Cavanagh, K., & Lomas, H. (2003). Geographic inequity

- in the availability of cognitive behavioural therapy in England and Wales. *Behavioural and Cognitive Psychotherapy*, 31(02), 185-192. doi: doi:10.1017/S1352465803002066
- Silverman, J., Silverman, J., & Eardley, D. A. (1984). Do maladaptive attitudes cause depression? *Archives of General Psychiatry*, 41(1). doi: 10.1001/rchpsyc.1984.01790120030005
- Simons, A. D., Garfield, S. L., & Murphy, G. E. (1984). The process of change in cognitive therapy and pharmacotherapy for depression: Changes in mood and cognition. *Archives of General Psychiatry*, 41(1). doi: 10.1001/rchpsyc.1984.01790120049007
- Sobocki, P., Jönsson, B., Angst, J., & Rehnberg, C. (2006). Cost of depression in Europe. *The journal of mental health policy and economics*, 9(2).
- Spielberger, C. D., Gorsuch, R. L., & Lushene, R. E. (1970). *STAI manual for the State-trait anxiety inventory ("self-evaluation questionnaire")*. Palo Alto: Consulting Psychologists.
- Spinhoven, P., Elzinga, B. M., Hovens, J. G. F. M., Roelofs, K., Zitman, F. G., van Oppen, P., & Penninx, B. W. J. H. (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). doi: 10.1016/j.jad.2010.02.132
- Spinhoven, P., Ormel, J., Sloekers, P. P. A., Kempen, G. I. J. M., Speckens, A. E. M., & Hemert, A. M. v. (1997). A validation study of the Hospital Anxiety and Depression Scale (HADS) in different groups of Dutch subjects. *Psychological Medicine*, 27(02), 363-370. doi: 10.1017/S0033291796004382
- Spitzer, R. L., Williams, J., Gibbon, M., & First, M. (1994). Structured clinical interview for DSM-IV. *Washington, DC: American Psychiatric Association*.
- Staugaard, S. R. (2009). Reliability of two versions of the dot-probe task using photographic faces. *Psychology Science Quarterly*, 51, 11.
- Sullivan, P. F., Neale, M. C., & Kendler, K. S. (2000). Genetic epidemiology of major depression: review and meta-analysis. *American Journal of Psychiatry*, 157(10). doi: 10.1176/appi.ajp.157.10.1552
- Székely, E., Herba, C. M., Arp, P. P., Uitterlinden, A. G., Jaddoe, V. W. V., Hofman, A., . . . Tiemeier, H. (2011). Recognition of scared faces and the serotonin transporter gene in young children: the Generation R Study. *Journal of Child Psychology and Psychiatry*, 52(12). doi: 10.1111/j.1469-7610.2011.02423.x
- Teasdale, J. D. (1988). Cognitive Vulnerability to Persistent Depression. *Cognition & Emotion*, 2(3). doi: 10.1080/02699938808410927
- Tsumura, H., Shimada, H., Nomura, K., Sugaya, N., & Suzuki, K. (2012). The effects of attention retraining on depressive mood and cortisol responses to depression-related stimuli1. *Japanese Psychological Research*, 54(4). doi: 10.1111/j.1468-5884.2012.00523.x
- Turner, E. H., Matthews, A. M., Linardatos, E., Tell, R. A., & Rosenthal, R. (2008). Selective Publication of Antidepressant Trials and Its Influence on Apparent Efficacy. *New England Journal of Medicine*, 358(3), 252-260. doi: doi:10.1056/NEJMsa065779

- Uher, R., & McGuffin, P. (2007). The moderation by the serotonin transporter gene of environmental adversity in the aetiology of mental illness: review and methodological analysis. *Molecular Psychiatry*, 13(2). doi: 10.1038/sj.mp.4002067
- Uher, R., & McGuffin, P. (2010). The moderation by the serotonin transporter gene of environmental adversity in the etiology of depression: 2009 update. *Molecular Psychiatry*, 15(1). doi: 10.1038/mp.2009.123
- Van der Does, A. J. W. (2002). Cognitive reactivity to sad mood: structure and validity of a new measure. *Behaviour Research and Therapy*, 40(1). doi: 10.1016/S0005-7967(00)00111-X
- Van der Does, A. J. W. (2005). Thought suppression and cognitive vulnerability to depression. *British journal of clinical psychology*, 44(1). doi: 10.1348/014466504x19442
- Van der Does, A. J. W., Barnhofer, T., & Williams, J. M. G. (2003). Major Depression Questionnaire, from http://www.douza.nl/publications_depression.htm - mdq
- Van der Does, A. J. W., & Williams, J. M. G. (2003). Leiden Index of Depression Sensitivity - Revised (LEIDS-R). Leiden University.
- Van der Ploeg, H. M., Defares, P. B., & Spielberger, C. D. (1980). Manual of the Self-Evaluation Questionnaire: a Dutch Version of the State-Trait Anxiety Inventory: Swets & Zeitlinger, Amsterdam/Lisse.
- Van Harmelen, A.-L., de Jong, P. J., Glashouwer, K. A., Spinhoven, P., Penninx, B. W. J. H., & 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). doi: 10.1016/j.brat.2010.02.003
- Van Wijngaarden, B., Schene, A. H., & Koeter, M. W. J. (2004). Family caregiving in depression: impact on caregivers' daily life, distress, and help seeking. *Journal of Affective Disorders*, 81(3). doi: 10.1016/S0165-0327(03)00168-X
- Van IJzendoorn, M. H., Belsky, J., & Bakermans-Kranenburg, M. J. (2012). Serotonin transporter genotype 5HTTLPR as a marker of differential susceptibility? A meta-analysis of child and adolescent gene-by-environment studies. *Transl Psychiatry*. doi: 10.1038/tp.2012.73
- Vandenbroucke, J. P. (2008). Observational Research, Randomised Trials, and Two Views of Medical Science. *PLoS Med*, 5(3). doi: 10.1371/journal.pmed.005006
- Verhoeven, F. E. A., Booij, L., Kruijt, A.-W., Cerit, H., Antypa, N., & Van der Does, A. J. W. (2012). The effects of MAOA genotype, childhood trauma, and sex on trait and state-dependent aggression. *Brain and Behavior*, 2(6). doi: 10.1002/brb3.119
- Wadlinger, H. A., & Isaacowitz, D. M. (2008). Looking Happy: The Experimental Manipulation of a Positive Visual Attention Bias. *Emotion*, 8(1). doi: 10.1037/1528-3542.8.1.121.
- Watson, D., Clark, L. A., & Tellegen, A.

- (1988). Development and validation of brief measures of positive and negative affect: The PANAS scales. *Journal of Personality and Social Psychology*, 54(6), 1063-1070. doi: 10.1037/0022-3514.54.6.1063
- Wells, T. T., & Beevers, C. G. (2010). Biased attention and dysphoria: manipulating selective attention reduces subsequent depressive symptoms. *Cognition & Emotion*, 24(4), 719 - 728 doi: 10.1080/02699930802652388
- Williams, J. M. G., Van der Does, A. J. W., Barnhofer, T., Crane, C., & Segal, Z. V. (2008). Cognitive reactivity, suicidal ideation and future fluency: preliminary investigation of a differential activation theory of hopelessness/suicidality. *Cognitive therapy and research*, 32(1). doi: 10.1007/s10608-006-9105-y
- Wisco, B. E. (2009). Depressive cognition: Self-reference and depth of processing. *Clinical Psychology Review*, 29(4), 382-392. doi: 10.1016/j.cpr.2009.03.003
- Wolkenstein, L., Schönenberg, M., Schirm, E., & Hautzinger, M. (2011). I can see what you feel, but I can't deal with it: Impaired theory of mind in depression. *Journal of Affective Disorders*, 132(1-2). doi: 10.1016/j.jad.2011.02.010
- World Health Organization (1993). *The ICD-10 classification of mental and behavioural disorders: diagnostic criteria for research*: World Health Organization.
- Yu, W., Gwinn, M., Clyne, M., Yesupriya, A., & Khoury, M. J. (2008). A navigator for human genome epidemiology. *Nature Genetics*, 40(2). doi: 10.1038/ng0208-124
- Zigmond, A., & Snaith, R. (1983). The hospital anxiety and depression scale. *Acta Psychiatrica Scandinavica*, 67(6). doi: DOI: 10.1111/j.1600-0447.1983.tb09716.x

Yiend, J. (2010). The effects of emotion on attention: A review of attentional processing of emotional information. *Cognition & Emotion*, 24(1). doi: 10.1080/02699930903205698

