


Publications Alexander Strobel











January 22 | * shared first-authorship | in ambiguous cases: underlined author name = Alexander Strobel

Articles in Peer-Review Journals






2022/in press

-  1. Paul, K., Short, C. A., Beauducel, A., Carsten, H. P., Härpfer, K., Hennig, J., Hewig, J., Hildebrandt, A., Kührt, C., Mueller, E. M., Osinsky, R., Porth, E., Riesel, A., Rodrigues, J., Scheffel, C., Stahl, J., Strobel, A. & Wacker, J. (in press). The methodology and dataset of the Coscience EEG-Personality Project – a large-scale, multi-laboratory project grounded in cooperative forking paths analysis. *Personality Science*.



2021

2. Armbruster, D., Kirschbaum, C. & Strobel, A. (2021). Androgenic morality? Associations of sex, oral contraceptive use and basal testosterone levels with moral decision making. *Behavioural Brain Research*, 408, 113196.
-   3. Diers, K., Dörfel, D., Gärtner, A., Schönfeld, S., Walter, H., Strobel, A., Brocke, B. (2021). Should we keep some distance from distancing? Regulatory and post-regulatory effects of emotion downregulation. *PLoS ONE*, 16(9), e0255800.
-   4. Gärtner, A.*, Grass, J.*, Wolff, M., Goschke, T., Strobel, A., Strobel, A. (2021). No relation of Need for Cognition to basic executive functions. *Journal of Personality*, 89, 1113-1125.
-   5. Gärtner, A., & Strobel A. (2021). Individual differences in inhibitory control: A latent variable analysis. *Journal of Cognition*, 4(1), 17.
-   6. Kührt, C., Pannasch, S., Kiebel, S. J. & Strobel, A. (2021). Dispositional individual differences in cognitive effort investment: Establishing the core construct. *BMC Psychology*, 9, 10.
-  7. Pauligk, S., Seidel, M., Fürtjes, S., King, J. A., Geisler, D., Hellerhoff, I., Roessner, V., Schmidt, U., Goschke, T., Walter, H., Strobel, A. & Ehrlich, S. (2021). The costs of over-control in anorexia nervosa: evidence from fMRI and ecological momentary assessment. *Translational Psychiatry*, 11, 304.
8. Rentzsch, K., Strobel, A. & Strobel, A. (2021). TBS-DTK-Rezension: »Persönlichkeits-Stil- und Störungs-Inventar«. *Report Psychologie*, 46(11–12), 23–25.
-    9. Scheffel, C., Graupner, S., Gärtner, A., Zerna, J., Strobel, A., & Dörfel, D. (2021). Effort beats effectiveness in emotion regulation choice: Differences between suppression and distancing in subjective and physiological measures. *Psychophysiology*, 58(11), e13908.
-    10. Strobel, A.*, Farkas, A.*, Hoyer, J., Melicherova, U., Köllner, V. & Strobel, A. (2021). Cognitive motivation as a resource for affective adjustment and mental health. *Frontiers in Psychology*, 12, 581681.
-    11. Zerna, J., Strobel, A. & Scheffel, C. (2021). EEG microstate analysis of emotion regulation reveals no sequential processing of valence and emotional arousal. *Scientific Reports*, 11, 21277.




2020

12. Armbruster, D., Brocke, B., Kirschbaum, C., Witt, S., Lesch, K.-P., Strobel, A. (2020). Rhythm and Blues: Influence of CLOCK T3111C on peripheral electrophysiological indicators of negative affective processing. *Physiology & Behavior*, 219, 112831.
-  13. Cuevas Rivera, D., Strobel, A., Goschke, T., Kiebel, S. J. (2020). Modeling dynamic allocation of effort in a sequential task using discounting models. *Frontiers in Neuroscience*, 14, 242.
-   14. Ott, F., Markovic, D., Strobel, A., & Kiebel, S. J. (2020). Dynamic integration of forward planning and heuristic preferences during multiple goal pursuit. *PLoS Computational Biology*, 16(2), e1007685.
-   15. Strobel, A.*, Wieder, G., Paulus, P. C., Ott, F., Pannasch, S., Kiebel, S. J., & Kührt, C.* (2020). Dispositional cognitive effort investment and behavioral demand avoidance: Are they related? *PLoS ONE*, 15(10): e0239817.


2019

16. Gärtner, A., Dörfel, D., Diers, K., Witt, S. H., Strobel, A., Brocke, B. (2019). Impact of FAAH genetic variation on fronto-amygdala function during emotional processing. *European Archives of Psychiatry and Clinical Neuroscience*, 269(2), 209–221.
-  17. Grass, J., Krieger, F., Paulus, P., Greiff, S., Strobel, A. & Strobel, A. (2019). Thinking in action: Need for Cognition predicts Self-Control together with Action Orientation. *PLoS One*, 14(8), e0220282.
-  18. Scheffel, C., Diers, K., Schönfeld, S., Brocke, B., Strobel, A. & Dörfel, D. (2019). Cognitive emotion regulation and personality: an analysis of individual differences in the neural and behavioral correlates of successful reappraisal. *Personality Neuroscience*, 2(e11), 1-13.
19. Strobel, A.* , Behnke, A.* , Gärtner, A. & Strobel, A. (2019). The interplay of intelligence and Need for Cognition in predicting school grades: A retrospective study. *Personality and Individual Differences*, 144, 147-152.

2018

20. Armbruster, D., Grage, T., Kirschbaum, C. & Strobel, A. (2018). Processing emotions: Effects of menstrual cycle phase and premenstrual symptoms on the startle reflex, facial EMG and heart rate. *Behavioural Brain Research*, 351, 178-187.
-  21. Cuevas Rivera, D., Ott, F., Marković, D., Strobel, A., Kiebel, S. J. (2018). Context-dependent risk aversion: a model-based approach. *Frontiers in Psychology*, 9, 2053.
22. Gärtner, A., Strobel, A., Reif, A., Lesch, K.-P. & Enge, S. (2018). Genetic variation in serotonin function impacts on altruistic punishment in the ultimatum game: A longitudinal approach. *Brain and Cognition*, 30, 37-44.
23. Sach, M.* , Enge, S.* , Strobel, A. & Fleischhauer, M. (2018). MPQ Control versus impulsivity and Need for Cognition - relationship to behavioral inhibition and corresponding ERPs in a Go/No-Go task. *Personality and Individual Differences*, 121, 200-205.
24. Seidel, M., King, J. A., Ritschel, F., Boehm, I., Geisler, D., Bernardoni, F., Beck, M., Pauligk, S., Biemann, R., Strobel, A., Goschke, T., Walter, H., Roessner, V. & Ehrlich, S. (2018). Processing and regulation of negative emotions in anorexia nervosa: An fMRI study. *NeuroImage: Clinical*, 18, 1-8.
-  25. Seidel, M., King, J. A., Ritschel, F., Boehm, I., Geisler, D., Bernardoni, F., Holzapfel, L., Diestel, S., Diers, K., Strobel, A., Goschke, T., Walter, H., Roessner, V. & Ehrlich, S. (2018). The real-life costs of emotion regulation in anorexia nervosa: a combined ecological momentary assessment and fMRI study. *Translational Psychiatry*, 8, 28.
26. Strobel, A., Fleischhauer, M., Luong, C. & Strobel, A. (2018). Predicting everyday life behavior by direct and indirect measures of Need for Cognition. *Journal of Individual Differences*, 39, 107-114.
-  27. Strobel, A., Strobel, A., Enge, S., Fleischhauer, M., Reif, A., Lesch, K.-P. & Anacker, A. (2018). Intellectual investment, dopaminergic gene variation, and life events: A critical examination. *Personality Neuroscience*, 1, e3.

2017

28. Armbruster, D., Brocke, B., Strobel, A. (2017). Winter is coming: Seasonality and the acoustic startle reflex. *Physiology & Behavior*, 169, 178–183.
29. Armbruster, D., Kirschbaum, C. & Strobel, A. (2017). The not-so-bitter pill: effects of combined oral contraceptives on peripheral physiological indicators of emotional reactivity. *Hormones and Behavior*, 94, 97-105.
-  30. Enge, S., Mothes, H., Fleischhauer, M., Reif, A. & Strobel, A. (2017). Genetic variation of dopamine and serotonin function modulates the feedback-related negativity during altruistic punishment. *Scientific Reports*, 7, 2996.

31. Grass, J., [Strobel, A.](#) & Strobel, A. (2017). Cognitive investments in academic success: The role of Need for Cognition at university. *Frontiers in Psychology, 8*, 790.
32. [Strobel, A.](#), Anacker, K. & Strobel, A. (2017). Cognitive engagement mediates the relationship between positive life events and positive emotionality. *Frontiers in Psychology, 8*, 1861.
33. Strobel, A., Grass, J., Pohling, R. & [Strobel, A.](#) (2017). Need for Cognition as a moral capacity. *Personality and Individual Differences, 117*, 42–51.

2016

34. Armbruster, D., Mueller-Alcazar, A., Strobel, A., Lesch, K.-P., Kirschbaum, C. & Brocke, B. (2016). BDNF val66met genotype shows distinct associations with the acoustic startle reflex and the cortisol stress response in young adults and children. *Psychoneuroendocrinology, 66*, 39-46.
35. Enge, S., Fleischhauer, M., Gärtner, A., Reif, A., Lesch, K.-P., Kliegel, M. & Strobel, A. (2016). Brain-derived neurotrophic factor (Val66Met) and serotonin transporter (5-HTTLPR) polymorphisms modulate plasticity in inhibitory control performance over time but independent of inhibitory control training. *Frontiers in Human Neuroscience, 10*, 370.
36. Mothes, H., Enge, S., & Strobel, A. (2016). The interplay between feedback-related negativity and individual differences in altruistic punishment: An EEG study. *Cognitive, Affective, and Behavioral Neuroscience, 16*, 276-288.
37. Strobel, A. & [Strobel, A.](#) (2016). Freude am Denken: Grundlagen und Anwendungsperspektiven des Need for Cognition. *Report Psychologie, 41*, 298-307.

2015


38. Fleischhauer, M., [Strobel, A.](#) & Strobel, A. (2015). Directly and indirectly assessed need for cognition differentially predict spontaneous and reflective information processing behavior. *Journal of Individual Differences, 36*, 101–109.
39. [Strobel, A.](#), Fleischhauer, M., Enge, S. & Strobel, A. (2015). Explicit and implicit need for cognition and bottom-up/top-down attention allocation. *Journal of Research in Personality, 55*, 10-13.

2014

40. Armbruster, D., Strobel, A., Kirschbaum, C. & Brocke, B. (2014). The impact of sex and menstrual cycle on the acoustic startle response. *Behavioural Brain Research, 274*, 326-333.
41. Armbruster, D., Suchert, V., Gärtner, A. & Strobel, A. (2014). Threatening shapes: the impact of simple geometric configurations on peripheral physiological markers. *Physiology & Behavior, 135*, 215-221.
42. Buruck, G., Wendsche, J., Melzer, M., Strobel, A. & Dörfel, D. (2014). Acute psychosocial stress and emotion regulation skills modulate empathic reactions to pain in others. *Frontiers in Psychology, 5*, 517.
43. Diers, K., Weber, F., Brocke, B., Strobel, A. & Schönfeld, S. (2014). Instructions matter: a comparison of baseline conditions for cognitive emotion regulation paradigms. *Frontiers in Psychology, 5*, 347.
44. Enge, S., Behnke, A., Fleischhauer, M., Küttler, L., Kliegel, M. & Strobel, A. (2014). No evidence for true training and transfer effects after inhibitory control training in young healthy adults. *Journal of Experimental Psychology: Learning, Memory, and Cognition, 40*, 87-1001.
45. Enge, S., Fleischhauer, M., Lesch, K.-P., Reif, A. & Strobel, A. (2014). Variation in key genes of serotonin and norepinephrine function predicts gamma-band activity during goal-directed attention. *Cerebral Cortex, 24*, 1195-1205.

46. Fleischhauer, M., Strobel, A., Diers, K., & Enge, S. (2014). Electrophysiological evidence for early perceptual facilitation and efficient categorization of self-related stimuli during an Implicit Association Test measuring neuroticism. *Psychophysiology*, *51*, 142-151.
47. Zimmermann*, K., Görgens*, H., Bräuer, D., Einsle, F., Noack, A., Stephanie von Kannen, S., Jatzwauk, M., Hoyer, J., Strobel, A., Köllner, V., Weidner, K., Ziegler, A., Hemmelmann, C. Schackert, H. K. (2014). Analysis of gastrin-releasing peptide gene and gastrin-releasing peptide receptor gene in patients with agoraphobia. *Psychiatric Genetics*, *24*, 232-233.

2013

48. Anacker, K., Enge, S., Reif, A., Lesch, K.-P. & Strobel, A. (2013). Dopamine D4 receptor gene variation impacts self-reported altruism. *Molecular Psychiatry*, *18*, 402-403.
49. Bräuer, D.*, Görgens, H.*, Einsle, F., Zimmermann, K., Noack, B., von Kannen, S., Hoyer, J., Strobel, A., Weidner, K., Jatzwauk, M., Ziegler, A., Hemmelmann, C., Köllner, V. & Schackert, H. K. (2013). Analysis of Stathmin gene variation in patients with panic disorder and agoraphobia. *Psychiatric Genetics*, *23*, 43-44.
50. Fleischhauer, M.*, Strobel, A.*, Enge, S. & Strobel, A. (2013). Assessing implicit cognitive motivation: Developing and testing an Implicit Association Test to measure Need for Cognition. *European Journal of Personality*, *27*, 15-29.
-  51. Fleischhauer, M., Enge, S., Miller, R., Strobel, A., & Strobel, A. (2013). Neuroticism explains unwanted variance in Implicit Association Tests of personality: Possible evidence for an affective valence confound. *Frontiers in Psychology*, *4*, 672.

2012

52. Armbruster, D., Mueller, A., Strobel, A., Lesch, K.-P., Brocke, B. & Kirschbaum, C. (2012). Children under stress – COMT genotype and stressful life events predict cortisol increase in an acute social stress paradigm. *International Journal of Neuropsychopharmacology*, *15*, 1229-1239.

2011

53. Armbruster, A., Mueller, A., Strobel, A., Lesch, K.-P., Kirschbaum, C. & Brocke, B. (2011). Variation in genes involved in dopamine clearance influence the startle response in older adults. *Journal of Neural Transmission*, *118*, 1281-1292.
54. Armbruster, D., Mueller, A., Strobel, A., Lesch, K.-P., Brocke, B. & Kirschbaum, C. (2011). Predicting cortisol stress responses in older individuals: influence of serotonin receptor 1 A gene (HTR1A) and stressful life events. *Hormones and Behavior*, *60*, 105-111.
55. Enge, S., Fleischhauer, M., Lesch, K.-P., Reif, A. & Strobel, A. (2011). Serotonergic modulation of executive functioning: Linking genetic variations to working memory performance. *Neuropsychologia*, *49*, 3776-3785.
56. Enge, S., Fleischhauer, M., Lesch, K.-P. & Strobel, A. (2011). On the role of serotonin and effort in voluntary attention: Evidence of genetic variation in N1 modulation. *Behavioural Brain Research*, *216*, 122-128.
57. Strobel, A., Zimmermann, J., Schmitz, A., Reuter, M., Lis, S., Windmann, S. & Kirsch, P. (2011). Beyond revenge: Neural and genetic bases of altruistic punishment. *NeuroImage*, *54*, 671-680.

2010

58. Armbruster, D., Müller, A., Strobel, A., Kirschbaum, C., Lesch, K.-P. & Brocke, B. (2010). Influence of functional tryptophan hydroxylase 2 gene variation and sex on the startle response in children, young adults, and older adults. *Biological Psychology*, *83*, 214-221.
59. Brocke, B.*, Lesch, K.-P.*, Armbruster, D., Moser, D.A., Müller, A., Strobel, A. & Kirschbaum, C. (2010). Stathmin, a gene regulating neural plasticity, affects fear and anxiety processing in humans. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, *153B*, 243-251.

60. Fleischhauer, M., Enge, S., Brocke, B., Ullrich, J., Strobel, A. & Strobel, A. (2010). Same or different? Clarifying the relationship of Need for Cognition to personality and intelligence. *Personality and Social Psychology Bulletin*, 36, 82-96.

2009

61. Armbruster, D., Moser, D.A., Strobel, A., Hensch, T., Kirschbaum, C., Lesch, K.-P. & Brocke, B. (2009). Serotonin transporter gene variation and stressful life events impact processing of fear and anxiety. *International Journal of Neuropsychopharmacology*, 12, 393-401.
62. Bräuer, D., Strobel, A., Hensch, T., Diers, K., Lesch, K.-P. & Brocke, B. (2009). Genetic variation of serotonin receptor function affects prepulse inhibition of the startle. *Journal of Neural Transmission*, 116, 607-613.
63. Hess, C., Reif, A., Strobel, A., Boreatti-Hümmer, A., Heine, M., Lesch, K.-P. & Jacob, C.P. (2009). A functional dopamine- β -hydroxylase gene promoter 3 polymorphism is associated with impulsive personality styles, but not with affective disorders. *Journal of Neural Transmission*, 116, 121-130.
64. Reif, A., Jacob, C.P., Rujescu, D., Herterich, S., Lang, S., Gutknecht, L., Baehne, C.G., Strobel, A., Freitag, C.M., Giegling, I., Romanos, M., Hartmann, A., Rösler, M., Renner, T.J., Fallgatter, A.J., Retz, W., Ehlis, A.-C. & Lesch, K.-P. (2009). Functional variant of neuronal NO synthase influences impulsive behaviors in humans. *Archives of General Psychiatry*, 66, 41-50.

2008

65. Enge, S., Fleischhauer, M., Brocke, B. & Strobel, A. (2008). Neurophysiological measures of involuntary and voluntary attention allocation and dispositional differences in need for cognition. *Personality and Social Psychology Bulletin*, 34, 862-874.
66. Galimberti, D., Scarpini, E., Venturelli, E., Strobel, A., Herterich, S., Fenoglio, C., Guidi, I., Scalabrini, D., Cortini, F., Bresolin, N., Lesch, K.-P. & Reif, A. (2008). Association of a NOS1 promoter repeat with Alzheimer's disease. *Neurobiology of Aging*, 29, 1359-1365.
67. Hensch, T., Wargelius, H.L., Herold, U., Strobel, A., Oreland, L. & Brocke, B. (2008). Electrophysiological and behavioral correlates of polymorphisms in the transcription factor AP-2 β coding gene. *Neuroscience Letters*, 436, 67-71.
68. Strobel, A., Debener, S., Sorger, B., Peters, J.C., Kranczioch, C., Hoehstetter, K., Engel, A.K., Brocke, B. & Goebel, R. (2008). Novelty- and target-processing during an auditory novelty oddball: A simultaneous event-related potential and functional magnetic resonance imaging study. *NeuroImage*, 40, 869-883.

2007

69. Debener, S., Strobel, A., Sorger, B., Peters, J., Kranczioch, C., Engel, A.K. & Goebel, R. (2007). Improved quality of auditory event-related potentials recorded simultaneously with 3-T fMRI: Removal of the ballistocardiogram artefact. *NeuroImage*, 34, 587-597.
70. Fritzen, S., Lauer, M., Schmitt, A., Töpner, T., Strobel, A., Lesch, K.-P. & Reif, A. (2007). NO synthase positive striatal interneurons are decreased in schizophrenia. *European Neuropsychopharmacology*, 17, 595-599.
71. Gutknecht, L.*, Jacob, C.*, Strobel, A.*, Müller, J., Reif, A., Mössner, R., Zeng, Y., Gross, C., Brocke, B. & Lesch, K.-P. (2007). Tryptophan hydroxylase-2 gene variation influences personality traits and related disorders. *International Journal of Neuropsychopharmacology*, 10, 309-320.
72. Hünnerkopf, R.*, Strobel, A.*, Gutknecht, L., Brocke, B. & Lesch, K.-P. (2007). Interaction between BDNF Val66Met and dopamine transporter gene variation influences anxiety-related traits. *Neuropsychopharmacology*, 32, 2552-2560.
73. Jacob, C.P., Romanos, J., Dempfle, A., Heine, M., Windemuth-Kieselbach, C., Kruse, A., Reif, A., Walitza, S., Romanos, M., Strobel, A., Brocke, B., Schäfer, H., Schmidtke, A., Böning, J. & Lesch, K.-P. (2007). Co-morbidity

of adult attention-deficit/hyperactivity disorder with focus on personality traits and related disorders in a tertiary referral center. *European Archives of Psychiatry and Clinical Neuroscience*, 257, 309-317.

74. Müller, J., Dreisbach, G., Brocke, B., Lesch, K.-P., Strobel, A. & Goschke, T. (2007). Dopamine and cognitive control: The influence of spontaneous eyeblink rate, DRD4 exon III polymorphism and gender on flexibility in set-shifting. *Brain Research*, 1131, 155-162.
75. Reif, A., Melchers, M., Strobel, A., Jacob, C.P., Herterich, S., Lesch K.-P. & Zimmer, M. (2007). FZD3 is not a risk gene for schizophrenia: a case-control study in a Caucasian sample. *Journal of Neural Transmission, Suppl.* 72, 297-301.
76. Selch, A., Strobel, A., Haderlein, J., Meyer, J., Jacob, C.P., Schmitt, A., Lesch, K.-P. & Reif, A. (2007). MLC1 polymorphisms are specifically associated with periodic catatonia, a subgroup of chronic schizophrenia. *Biological Psychiatry*, 61, 1211-1214.
77. Strobel, A. (2007). Neurogenetic mechanisms underlying cognition and temperament (open peer commentary). *European Journal of Personality*, 21, 630-632.
78. Strobel, A., Dreisbach, G., Müller, J., Goschke, T., Brocke, B. & Lesch, K.-P. (2007). Genetic variation of serotonin function and cognitive control. *Journal of Cognitive Neuroscience*, 19, 1923-1931.

2006

79. Brocke, B., Armbruster, D., Müller, J., Hensch, T., Jacob, C.-P., Lesch, K.-P., Kirschbaum, C. & Strobel, A. (2006). Serotonin transporter gene variation impacts innate fear processing: acoustic startle response and emotional startle. *Molecular Psychiatry*, 11, 1106-1112.
80. Diers, K., Roehm, D., Maess, B., Strobel, A., Nakamura, A. & Brocke, B. (2006). Localization of P3a and P3b. *Journal of Japan Biomagnetism and Bioelectromagnetics Society*, 19, 184-185.
81. Reif, A., Fritzen, S., Finger, M., Strobel, A., Lauer, M., Schmitt, A. & Lesch, K.-P. (2006). Neural stem cell proliferation is decreased in schizophrenia, but not depression. *Molecular Psychiatry*, 11, 514-522.
82. Reif, A., Herterich, S., Strobel, A., Ehli, A.-C., Saur, D., Jacob, C. P., Wienker, T., Töpner, T., Fritzen, S., Walter, U., Schmitt, A., Fallgatter, A. J. & Lesch, K.-P. (2006). A neuronal nitric oxide synthase (NOS-I) haplotype associated with schizophrenia modifies prefrontal cortex function. *Molecular Psychiatry*, 11, 286-300.
83. Reif, A., Strobel, A., Jacob, C. P., Herterich, S., Freitag, C. M., Töpner, T., Mössner, R., Fritzen, S., Schmitt, A. & Lesch, K.-P. (2006). A NOS-III haplotype that includes functional polymorphisms is associated with bipolar disorder. *International Journal of Neuropsychopharmacology*, 9, 13-20.

2005

84. Dreisbach, G., Müller, J., Goschke, T., Strobel, A., Schulze, K., Lesch, K.-P. & Brocke, B. (2005). Dopamine and cognitive control: The influence of spontaneous eye-blink rate and dopamine gene polymorphisms on perseveration and distractibility. *Behavioral Neuroscience*, 119, 483-490.

2004

85. Jacob, C. P., Strobel, A., Hohenberger, K., Ringel, T., Gutknecht, L., Reif, A., Brocke, B. & Lesch, K.-P. (2004). Association between allelic variation of serotonin transporter function and Neuroticism in anxious cluster C personality disorders. *American Journal of Psychiatry*, 161, 569-572.
86. Schmidt, A., Beauducel, A., Brocke, B. & Strobel, A. (2004). Vigilance performance and extraversion reconsidered: Some performance differences can indeed be induced. *Personality and Individual Differences*, 36, 1343-1351.
87. Strobel, A., Debener, S., Anacker, A., Müller, J., Lesch, K.-P. & Brocke, B. (2004). Dopamine D4 receptor exon III genotype influence on the auditory evoked novelty P3. *NeuroReport*, 15, 2411-2415.

2003

88. Beauducel, A., Strobel, A. & Brocke, B. (2003). Psychometrische Eigenschaften und Normen einer deutschsprachigen Fassung der Sensation Seeking Skalen, Form V. *Diagnostica*, 49, 61-72.
89. Strobel, A., Debener, S., Schmidt, D., Hünnerkopf, R., Lesch, K.-P. & Brocke, B. (2003). Allelic variation in serotonin transporter function associated with the intensity dependence of the auditory evoked potential. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, 118B, 41-47.
90. Strobel, A.*, Gutknecht, L.*, Rothe, C., Reif, A., Mössner, R., Zeng, Y., Brocke, B. & Lesch, K.-P. (2003). Allelic variation in 5-HT1A receptor expression is associated with anxiety- and depression-related personality traits. *Journal of Neural Transmission*, 110, 1445-1453.
91. Strobel, A., Lesch, K.-P., Jatzke, S., Paetzold, F. & Brocke, B. (2003). Further evidence for a modulation of Novelty Seeking by DRD4 exon III, 5-HTTLPR, and COMT val/met variants. *Molecular Psychiatry*, 8, 271-272.
92. Strobel, A., Spinath, F.M., Angleitner, A., Riemann, R. & Lesch, K.-P. (2003). Lack of association between polymorphisms of the dopamine D4 receptor gene and personality. *Neuropsychobiology*, 47, 52-56.

2002

93. Debener, S., Strobel, A., Kürschner, K., Kranczioch, C., Hebenstreit, J., Maercker, A., Beauducel, A. & Brocke, B. (2002). Is auditory evoked potential augmenting/reducing affected by acute tryptophan depletion? *Biological Psychology*, 59, 121-133.
94. Strobel, A., Lesch, K.-P., Hohenberger, K., Jatzke, S., Gutzeit, H.O., Anacker, K. & Brocke, B. (2002). No association between dopamine D4 receptor gene exon III and -521C/T polymorphism and Novelty Seeking. *Molecular Psychiatry*, 7, 537-538.

2001

95. Strobel, A., Beauducel, A., Debener, S. & Brocke, B. (2001). Eine deutschsprachige Version des BIS/BAS-Fragebogens von Carver und White. *Zeitschrift für Differentielle und Diagnostische Psychologie*, 22, 216-227.

2000

96. Strobel, A., Brocke, B. & Ebstein, R. P. (2000). Interaktionseffekte Monoamin-relevanter genetischer Polymorphismen mit Traits des TPQ. *Zeitschrift für Differentielle und Diagnostische Psychologie*, 21, 191-199.

1999

97. Beauducel, B., Brocke, B., Strobel, A. & Strobel, A. (1999). Construct validity of Sensation Seeking: Validity results of a psychometric investigation. *Zeitschrift für Differentielle und Diagnostische Psychologie*, 20, 155-171.
98. Strobel, A., Wehr, A., Michel, A. & Brocke, B. (1999). Association between the dopamine D4 receptor (DRD4) exon III polymorphism and measures of Novelty Seeking in a German population. *Molecular Psychiatry*, 4, 378-384.

Book Chapters

1. Strobel, A. (2016). Altruistic punishment. In M. Reuter & C. Montag (Hrsg.), *Neuroeconomics* (S. 211-227). Heidelberg: Springer.
2. Hensch, T. & Strobel, A. (2011). Differentiellpsychologische Aspekte und ihr Nutzen für die Klinische Psychologie. In H.-U. Wittchen & J. Hoyer (Hrsg.), *Klinische Psychologie und Psychotherapie (2. Aufl.)* (S. 169-191). Berlin: Springer.
3. Strobel, A. & Brocke, B. (2011). Molecular genetic aspects of personality. In T. Chamorro-Premuzic, S. von Stumm, & A. Furnham (eds.), *Handbook of Individual Differences* (S. 309-333). Chichester, UK: Wiley-Blackwell.

4. Brocke, B., Müller, J. & Strobel, A. (2006). Verhaltensgenetik. In K. Pawlik (Hrsg.), *Handbuch der Psychologie* (S. 355-367). Heidelberg: Springer.
5. Bolte, E.-A., Strobel, A., Strobel, A. & Tödtmann, F. (2004). Interview schlägt Übung? - Das Interview als Bestandteil von Assessment Centern und seine Auswirkungen auf das Ergebnis. In K. Sünderhauf, S. Stumpf & S. Höft (Hrsg.), *Assessment Center - von der Auftragsvergabe bis zur Qualitätssicherung* (S. 232-242). Lengerich: Pabst.
6. Brocke, B., Spinath, F. M. & Strobel, A. (2004). Verhaltensgenetische Ansätze und Theorien der Persönlichkeitsforschung. In K. Pawlik (Hrsg.), *Theorien und Anwendungsfelder der Differentiellen Psychologie (Band 5, Serie VIII der Enzyklopädie der Psychologie)* (S. 431-486). Göttingen: Hogrefe.
7. Brocke, B., Strobel, A. & Müller, J. (2003). Sensation Seeking: Eine biopsychologische Mehr-Ebenen-Theorie. In M. Roth & P. Hammelstein (Hrsg.), *Sensation Seeking - Konzeption, Diagnostik, Anwendung* (S. 29-51). Göttingen: Hogrefe.

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Strobel, A. (2005). *Molekulargenetische Aspekte dopaminerger Modulation der Responsivität gegenüber Neuheit*. Dresden: HochschulSchriftenServer der SLUB Dresden. Online verfügbar unter: <http://nbn-resolving.de/urn:nbn:de:swb:14-1115800867257-80181>