

Alexander Strobel

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

4,865
citations

126907

33
h-index

98798

67
g-index

122
all docs

122
docs citations

122
times ranked

6188
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural stem cell proliferation is decreased in schizophrenia, but not in depression. <i>Molecular Psychiatry</i> , 2006, 11, 514-522.	7.9	583
2	Same or Different? Clarifying the Relationship of Need for Cognition to Personality and Intelligence. <i>Personality and Social Psychology Bulletin</i> , 2010, 36, 82-96.	3.0	253
3	Beyond revenge: Neural and genetic bases of altruistic punishment. <i>NeuroImage</i> , 2011, 54, 671-680.	4.2	212
4	Allelic variation in 5-HT 1A receptor expression is associated with anxiety- and depression-related personality traits. <i>Journal of Neural Transmission</i> , 2003, 110, 1445-1453.	2.8	209
5	A neuronal nitric oxide synthase (NOS-I) haplotype associated with schizophrenia modifies prefrontal cortex function. <i>Molecular Psychiatry</i> , 2006, 11, 286-300.	7.9	204
6	Co-morbidity of adult attention-deficit/hyperactivity disorder with focus on personality traits and related disorders in a tertiary referral center. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2007, 257, 309-317.	3.2	196
7	Improved quality of auditory event-related potentials recorded simultaneously with 3-T fMRI: Removal of the ballistocardiogram artefact. <i>NeuroImage</i> , 2007, 34, 587-597.	4.2	183
8	Dopamine and Cognitive Control: The Influence of Spontaneous Eyeblink Rate and Dopamine Gene Polymorphisms on Perseveration and Distractibility.. <i>Behavioral Neuroscience</i> , 2005, 119, 483-490.	1.2	159
9	Tryptophan hydroxylase-2 gene variation influences personality traits and disorders related to emotional dysregulation. <i>International Journal of Neuropsychopharmacology</i> , 2007, 10, 309.	2.1	141
10	Influence of Functional Variant of Neuronal Nitric Oxide Synthase on Impulsive Behaviors in Humans. <i>Archives of General Psychiatry</i> , 2009, 66, 41.	12.3	136
11	Interaction between BDNF Val66Met and Dopamine Transporter Gene Variation Influences Anxiety-Related Traits. <i>Neuropsychopharmacology</i> , 2007, 32, 2552-2560.	5.4	120
12	Association between the dopamine D4 receptor (DRD4) exon III polymorphism and measures of Novelty Seeking in a German population. <i>Molecular Psychiatry</i> , 1999, 4, 378-384.	7.9	112
13	A functional dopamine- β -hydroxylase gene promoter polymorphism is associated with impulsive personality styles, but not with affective disorders. <i>Journal of Neural Transmission</i> , 2009, 116, 121-130.	2.8	97
14	Serotonin transporter gene variation impacts innate fear processing: acoustic startle response and emotional startle. <i>Molecular Psychiatry</i> , 2006, 11, 1106-1112.	7.9	88
15	Novelty and target processing during an auditory novelty oddball: A simultaneous event-related potential and functional magnetic resonance imaging study. <i>NeuroImage</i> , 2008, 40, 869-883.	4.2	83
16	No evidence for true training and transfer effects after inhibitory control training in young healthy adults.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2014, 40, 987-1001.	0.9	78
17	Genetic Variation of Serotonin Function and Cognitive Control. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 1923-1931.	2.3	75
18	Association Between Allelic Variation of Serotonin Transporter Function and Neuroticism in Anxious Cluster C Personality Disorders. <i>American Journal of Psychiatry</i> , 2004, 161, 569-572.	7.2	71

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19	Serotonergic modulation in executive functioning: Linking genetic variations to working memory performance. <i>Neuropsychologia</i> , 2011, 49, 3776-3785.	1.6	66
20	Children under stress – COMT genotype and stressful life events predict cortisol increase in an acute social stress paradigm. <i>International Journal of Neuropsychopharmacology</i> , 2012, 15, 1229-1239.	2.1	66
21	Dopamine and cognitive control: The influence of spontaneous eyeblink rate, DRD4 exon III polymorphism and gender on flexibility in set-shifting. <i>Brain Research</i> , 2007, 1131, 155-162.	2.2	62
22	Is auditory evoked potential augmenting/reducing affected by acute tryptophan depletion?. <i>Biological Psychology</i> , 2002, 59, 121-133.	2.2	55
23	Allelic variation in serotonin transporter function associated with the intensity dependence of the auditory evoked potential. , 2003, 118B, 41-47.		55
24	Further evidence for a modulation of Novelty Seeking by DRD4 exon III, 5-HTTLPR, and COMT val/met variants. <i>Molecular Psychiatry</i> , 2003, 8, 371-372.	7.9	51
25	Neurophysiological Measures of Involuntary and Voluntary Attention Allocation and Dispositional Differences in Need for Cognition. <i>Personality and Social Psychology Bulletin</i> , 2008, 34, 862-874.	3.0	48
26	On the role of serotonin and effort in voluntary attention: Evidence of genetic variation in N1 modulation. <i>Behavioural Brain Research</i> , 2011, 216, 122-128.	2.2	48
27	Processing and regulation of negative emotions in anorexia nervosa: An fMRI study. <i>NeuroImage: Clinical</i> , 2018, 18, 1-8.	2.7	43
28	The real-life costs of emotion regulation in anorexia nervosa: a combined ecological momentary assessment and fMRI study. <i>Translational Psychiatry</i> , 2018, 8, 28.	4.8	42
29	Cognitive Investments in Academic Success: The Role of Need for Cognition at University. <i>Frontiers in Psychology</i> , 2017, 8, 790.	2.1	38
30	Predicting cortisol stress responses in older individuals: Influence of serotonin receptor 1A gene (HTR1A) and stressful life events. <i>Hormones and Behavior</i> , 2011, 60, 105-111.	2.1	37
31	Serotonin transporter gene variation and stressful life events impact processing of fear and anxiety. <i>International Journal of Neuropsychopharmacology</i> , 2009, 12, 393.	2.1	36
32	No association between dopamine D4 receptor gene exon III and –521C/T polymorphism and Novelty Seeking. <i>Molecular Psychiatry</i> , 2002, 7, 537-538.	7.9	35
33	A NOS-III haplotype that includes functional polymorphisms is associated with bipolar disorder. <i>International Journal of Neuropsychopharmacology</i> , 2006, 9, 13.	2.1	33
34	Individual Differences in Inhibitory Control: A latent Variable Analysis. <i>Journal of Cognition</i> , 2021, 4, 17.	1.4	32
35	Dopamine D4 receptor exon III genotype influence on the auditory evoked novelty P3. <i>NeuroReport</i> , 2004, 15, 2411-2415.	1.2	31
36	Association of a NOS1 promoter repeat with Alzheimer's disease. <i>Neurobiology of Aging</i> , 2008, 29, 1359-1365.	3.1	31

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37	Lack of Association between Polymorphisms of the Dopamine D ₄ Receptor Gene and Personality. <i>Neuropsychobiology</i> , 2003, 47, 52-56.	1.9	30
38	<i>Stathmin</i> , a gene regulating neural plasticity, affects fear and anxiety processing in humans. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2010, 153B, 243-251.	1.7	29
39	Acute psychosocial stress and emotion regulation skills modulate empathic reactions to pain in others. <i>Frontiers in Psychology</i> , 2014, 5, 517.	2.1	29
40	Dopamine D4 receptor gene variation impacts self-reported altruism. <i>Molecular Psychiatry</i> , 2013, 18, 402-403.	7.9	27
41	Influence of functional tryptophan hydroxylase 2 gene variation and sex on the startle response in children, young adults, and older adults. <i>Biological Psychology</i> , 2010, 83, 214-221.	2.2	26
42	The interplay between feedback-related negativity and individual differences in altruistic punishment: An EEG study. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2016, 16, 276-288.	2.0	26
43	Impact of FAAH genetic variation on fronto-amygdala function during emotional processing. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019, 269, 209-221.	3.2	26
44	MLC1 Polymorphisms Are Specifically Associated with Periodic Catatonia, a Subgroup of Chronic Schizophrenia. <i>Biological Psychiatry</i> , 2007, 61, 1211-1214.	1.3	24
45	The interplay of intelligence and need for cognition in predicting school grades: A retrospective study. <i>Personality and Individual Differences</i> , 2019, 144, 147-152.	2.9	23
46	Electrophysiological evidence for early perceptual facilitation and efficient categorization of self-related stimuli during an implicit association test measuring neuroticism. <i>Psychophysiology</i> , 2014, 51, 142-151.	2.4	22
47	Genetic variation of serotonin receptor function affects prepulse inhibition of the startle. <i>Journal of Neural Transmission</i> , 2009, 116, 607-613.	2.8	21
48	Instructions matter: a comparison of baseline conditions for cognitive emotion regulation paradigms. <i>Frontiers in Psychology</i> , 2014, 5, 347.	2.1	21
49	Construct Validity of Sensation Seeking: A Psychometric Investigation. <i>Zeitschrift Fur Differentielle Und Diagnostische Psychologie</i> , 1999, 20, 155-171.	0.3	21
50	BDNF val66met genotype shows distinct associations with the acoustic startle reflex and the cortisol stress response in young adults and children. <i>Psychoneuroendocrinology</i> , 2016, 66, 39-46.	2.7	20
51	Variation in Key Genes of Serotonin and Norepinephrine Function Predicts Gamma-Band Activity during Goal-Directed Attention. <i>Cerebral Cortex</i> , 2014, 24, 1195-1205.	2.9	18
52	Need for Cognition as a moral capacity. <i>Personality and Individual Differences</i> , 2017, 117, 42-51.	2.9	18
53	Genetic variation of dopamine and serotonin function modulates the feedback-related negativity during altruistic punishment. <i>Scientific Reports</i> , 2017, 7, 2996.	3.3	17
54	Processing emotions: Effects of menstrual cycle phase and premenstrual symptoms on the startle reflex, facial EMG and heart rate. <i>Behavioural Brain Research</i> , 2018, 351, 178-187.	2.2	17

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55	Variation in genes involved in dopamine clearance influence the startle response in older adults. <i>Journal of Neural Transmission</i> , 2011, 118, 1281-1292.	2.8	15
56	Assessing Implicit Cognitive Motivation: Developing and Testing An Implicit Association Test to Measure Need for Cognition. <i>European Journal of Personality</i> , 2013, 27, 15-29.	3.1	15
57	Thinking in action: Need for Cognition predicts Self-Control together with Action Orientation. <i>PLoS ONE</i> , 2019, 14, e0220282.	2.5	15
58	Cognitive emotion regulation and personality: an analysis of individual differences in the neural and behavioral correlates of successful reappraisal. <i>Personality Neuroscience</i> , 2019, 2, e11.	1.6	15
59	Directly and Indirectly Assessed Need for Cognition Differentially Predict Spontaneous and Reflective Information Processing Behavior. <i>Journal of Individual Differences</i> , 2015, 36, 101-109.	1.0	15
60	The impact of sex and menstrual cycle on the acoustic startle response. <i>Behavioural Brain Research</i> , 2014, 274, 326-333.	2.2	14
61	NO synthase-positive striatal interneurons are decreased in schizophrenia. <i>European Neuropsychopharmacology</i> , 2007, 17, 595-599.	0.7	13
62	Threatening shapes: The impact of simple geometric configurations on peripheral physiological markers. <i>Physiology and Behavior</i> , 2014, 135, 215-221.	2.1	12
63	The costs of over-control in anorexia nervosa: evidence from fMRI and ecological momentary assessment. <i>Translational Psychiatry</i> , 2021, 11, 304.	4.8	12
64	Dispositional cognitive effort investment and behavioral demand avoidance: Are they related?. <i>PLoS ONE</i> , 2020, 15, e0239817.	2.5	12
65	Explicit and implicit Need for Cognition and bottom-up/top-down attention allocation. <i>Journal of Research in Personality</i> , 2015, 55, 10-13.	1.7	11
66	The not-so-bitter pill: Effects of combined oral contraceptives on peripheral physiological indicators of emotional reactivity. <i>Hormones and Behavior</i> , 2017, 94, 97-105.	2.1	11
67	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. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 370.	2.0	10
68	No relation of Need for Cognition to basic executive functions. <i>Journal of Personality</i> , 2021, 89, 1113-1125.	3.2	10
69	Effort beats effectiveness in emotion regulation choice: Differences between suppression and distancing in subjective and physiological measures. <i>Psychophysiology</i> , 2021, 58, e13908.	2.4	9
70	Vigilance performance and extraversion reconsidered: some performance differences can indeed be induced. <i>Personality and Individual Differences</i> , 2004, 36, 1343-1351.	2.9	8
71	Electrophysiological and behavioral correlates of polymorphisms in the transcription factor AP-2 β coding gene. <i>Neuroscience Letters</i> , 2008, 436, 67-71.	2.1	8
72	Cognitive Engagement Mediates the Relationship between Positive Life Events and Positive Emotionality. <i>Frontiers in Psychology</i> , 2017, 8, 1861.	2.1	8

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73	Predicting Everyday Life Behavior by Direct and Indirect Measures of Need for Cognition. <i>Journal of Individual Differences</i> , 2018, 39, 107-114.	1.0	7
74	Genetic variation in serotonin function impacts on altruistic punishment in the ultimatum game: A longitudinal approach. <i>Brain and Cognition</i> , 2018, 125, 37-44.	1.8	6
75	Winter is coming: Seasonality and the acoustic startle reflex. <i>Physiology and Behavior</i> , 2017, 169, 178-183.	2.1	5
76	Context-Dependent Risk Aversion: A Model-Based Approach. <i>Frontiers in Psychology</i> , 2018, 9, 2053.	2.1	5
77	Dispositional individual differences in cognitive effort investment: establishing the core construct. <i>BMC Psychology</i> , 2021, 9, 10.	2.1	5
78	Androgenic morality? Associations of sex, oral contraceptive use and basal testosterone levels with moral decision making. <i>Behavioural Brain Research</i> , 2021, 408, 113196.	2.2	5
79	EEG microstate analysis of emotion regulation reveals no sequential processing of valence and emotional arousal. <i>Scientific Reports</i> , 2021, 11, 21277.	3.3	5
80	Neuroticism explains unwanted variance in Implicit Association Tests of personality: possible evidence for an affective valence confound. <i>Frontiers in Psychology</i> , 2013, 4, 672.	2.1	4
81	Dynamic integration of forward planning and heuristic preferences during multiple goal pursuit. <i>PLoS Computational Biology</i> , 2020, 16, e1007685.	3.2	4
82	Altruistic Punishment. <i>Studies in Neuroscience, Psychology and Behavioral Economics</i> , 2016, , 211-227.	0.3	3
83	The heart as judge: Association of heart rate variability with moral judgementâ€”A replication study. <i>Biological Psychology</i> , 2022, 169, 108284.	2.2	3
84	The methodology and dataset of the conscience eeg-personality project â€” a large-scale, multi-laboratory project grounded in cooperative forking paths analysis. <i>Personality Science</i> , 0, 3, .	1.3	3
85	Rhythm and blues: Influence of CLOCK T3111C on peripheral electrophysiological indicators of negative affective processing. <i>Physiology and Behavior</i> , 2020, 219, 112831.	2.1	2
86	Cognitive Motivation as a Resource for Affective Adjustment and Mental Health. <i>Frontiers in Psychology</i> , 2021, 12, 581681.	2.1	2
87	Analysis of Stathmin gene variation in patients with panic disorder and agoraphobia. <i>Psychiatric Genetics</i> , 2013, 23, 43-44.	1.1	1
88	MPQ Control (versus Impulsivity) and Need for Cognition â€” Relationship to behavioral inhibition and corresponding ERPs in a Go/No-Go task. <i>Personality and Individual Differences</i> , 2018, 121, 200-205.	2.9	1
89	Should we keep some distance from distancing? Regulatory and post-regulatory effects of emotion downregulation. <i>PLoS ONE</i> , 2021, 16, e0255800.	2.5	1
90	Need for cognition does not account for individual differences in metacontrol of decision making. <i>Scientific Reports</i> , 2022, 12, 8240.	3.3	1

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91	Analysis of gastrin-releasing peptide gene and gastrin-releasing peptide receptor gene in patients with agoraphobia. <i>Psychiatric Genetics</i> , 2014, 24, 232-233.	1.1	0
92	Intellectual Investment, Dopaminergic Gene Variation, and Life Events: A Critical Examination. <i>Personality Neuroscience</i> , 2018, 1, e3.	1.6	0
93	Modeling Dynamic Allocation of Effort in a Sequential Task Using Discounting Models. <i>Frontiers in Neuroscience</i> , 2020, 14, 242.	2.8	0
94	Differentiellpsychologische Perspektive in der Klinischen Psychologie. , 2020, , 189-212.		0
95	Dispositional cognitive effort investment and behavioral demand avoidance: Are they related?. , 2020, 15, e0239817.		0
96	Dispositional cognitive effort investment and behavioral demand avoidance: Are they related?. , 2020, 15, e0239817.		0
97	Dispositional cognitive effort investment and behavioral demand avoidance: Are they related?. , 2020, 15, e0239817.		0
98	Dispositional cognitive effort investment and behavioral demand avoidance: Are they related?. , 2020, 15, e0239817.		0
99	Dispositional cognitive effort investment and behavioral demand avoidance: Are they related?. , 2020, 15, e0239817.		0
100	Dispositional cognitive effort investment and behavioral demand avoidance: Are they related?. , 2020, 15, e0239817.		0