Christiaan H Vinkers

List of Publications by Year in descending order

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66343 64796 7,576 127 42 79 citations h-index g-index papers 151 151 151 11476 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Cortisol stress reactivity across psychiatric disorders: A systematic review and meta-analysis. Psychoneuroendocrinology, 2017, 77, 25-36.	2.7	476
2	The three-hit concept of vulnerability and resilience: Toward understanding adaptation to early-life adversity outcome. Psychoneuroendocrinology, 2013, 38, 1858-1873.	2.7	439
3	The resilience framework as a strategy to combat stress-related disorders. Nature Human Behaviour, 2017, 1, 784-790.	12.0	420
4	International meta-analysis of PTSD genome-wide association studies identifies sex- and ancestry-specific genetic risk loci. Nature Communications, 2019, 10, 4558.	12.8	363
5	Stress resilience during the coronavirus pandemic. European Neuropsychopharmacology, 2020, 35, 12-16.	0.7	285
6	Brain GABA levels across psychiatric disorders: A systematic literature review and metaâ€analysis of ¹ Hâ€MRS studies. Human Brain Mapping, 2016, 37, 3337-3352.	3.6	264
7	A Network Approach to Psychosis: Pathways Between Childhood Trauma and Psychotic Symptoms. Schizophrenia Bulletin, 2017, 43, 187-196.	4.3	261
8	A network metaâ€analysis of the effects of psychotherapies, pharmacotherapies and their combination in the treatment of adult depression. World Psychiatry, 2020, 19, 92-107.	10.4	232
9	The impact of the prolonged COVID-19 pandemic on stress resilience and mental health: A critical review across waves. European Neuropsychopharmacology, 2022, 55, 22-83.	0.7	200
10	Traumatic stress and accelerated DNA methylation age: A meta-analysis. Psychoneuroendocrinology, 2018, 92, 123-134.	2.7	190
11	Longitudinal changes of telomere length and epigenetic age related to traumatic stress and post-traumatic stress disorder. Psychoneuroendocrinology, 2015, 51, 506-512.	2.7	186
12	Genome-wide DNA methylation levels and altered cortisol stress reactivity following childhood trauma in humans. Nature Communications, 2016, 7, 10967.	12.8	175
13	The brain mineralocorticoid receptor and stress resilience. Psychoneuroendocrinology, 2015, 52, 92-110.	2.7	157
14	The effect of stress on core and peripheral body temperature in humans. Stress, 2013, 16, 520-530.	1.8	145
15	Healthy play, better coping: The importance of play for the development of children in health and disease. Neuroscience and Biobehavioral Reviews, 2018, 95, 421-429.	6.1	137
16	Mechanisms Underlying Tolerance after Long-Term Benzodiazepine Use: A Future for Subtype-Selective Receptor Modulators?. Advances in Pharmacological Sciences, 2012, 2012, 1-19.	3.7	134
17	STRESS EXPOSURE ACROSS THE LIFE SPAN CUMULATIVELY INCREASES DEPRESSION RISK AND IS MODERATED BY NEUROTICISM. Depression and Anxiety, 2014, 31, 737-745.	4.1	126
18	GABAergic Mechanisms in Schizophrenia: Linking Postmortem and In Vivo Studies. Frontiers in Psychiatry, 2017, 8, 118.	2.6	119

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19	Early interventions in risk groups for schizophrenia: what are we waiting for?. NPJ Schizophrenia, 2016, 2, 16003.	3.6	111
20	Use of positive and negative words in scientific PubMed abstracts between 1974 and 2014: retrospective analysis. BMJ, The, 2015, 351, h6467.	6.0	107
21	Time-dependent changes in altruistic punishment following stress. Psychoneuroendocrinology, 2013, 38, 1467-1475.	2.7	100
22	A computational solution for bolstering reliability of epigenetic clocks: implications for clinical trials and longitudinal tracking. Nature Aging, 2022, 2, 644-661.	11.6	95
23	Traumatic stress and human DNA methylation: a critical review. Epigenomics, 2015, 7, 593-608.	2.1	93
24	Translational aspects of pharmacological research into anxiety disorders: The stress-induced hyperthermia (SIH) paradigm. European Journal of Pharmacology, 2008, 585, 407-425.	3.5	90
25	Depression profilers and immuno-metabolic dysregulation: Longitudinal results from the NESDA study. Brain, Behavior, and Immunity, 2020, 88, 174-183.	4.1	85
26	Epigenome-wide meta-analysis of PTSD across 10 military and civilian cohorts identifies methylation changes in AHRR. Nature Communications, 2020, 11, 5965.	12.8	84
27	Current status and future prospects for epigenetic psychopharmacology. Epigenetics, 2012, 7, 20-28.	2.7	82
28	Differences in Sexual Behaviour in Male and Female Rodents: Role of Serotonin. Current Topics in Behavioral Neurosciences, 2010, 8, 15-36.	1.7	77
29	DNA methylation signatures of mood stabilizers and antipsychotics in bipolar disorder. Epigenomics, 2016, 8, 197-208.	2.1	70
30	Mineralocorticoid receptor haplotypes sex-dependently moderate depression susceptibility following childhood maltreatment. Psychoneuroendocrinology, 2015, 54, 90-102.	2.7	69
31	HPA Axis Genes, and Their Interaction with Childhood Maltreatment, are Related to Cortisol Levels and Stress-Related Phenotypes. Neuropsychopharmacology, 2017, 42, 2446-2455.	5.4	69
32	Epigenomeâ€wide association of PTSD from heterogeneous cohorts with a common multiâ€site analysis pipeline. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2017, 174, 619-630.	1.7	69
33	Stress-induced hyperthermia and infection-induced fever: Two of a kind?. Physiology and Behavior, 2009, 98, 37-43.	2.1	67
34	SKA2 Methylation is Involved in Cortisol Stress Reactivity and Predicts the Development of Post-Traumatic Stress Disorder (PTSD) After Military Deployment. Neuropsychopharmacology, 2016, 41, 1350-1356.	5.4	64
35	An epigenome-wide association study of posttraumatic stress disorder in US veterans implicates several new DNA methylation loci. Clinical Epigenetics, 2020, 12, 46.	4.1	64
36	Successful treatment of post-traumatic stress disorder reverses DNA methylation marks. Molecular Psychiatry, 2021, 26, 1264-1271.	7.9	64

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37	The effect of childhood maltreatment and cannabis use on adult psychotic symptoms is modified by the COMT Val158Met polymorphism. Schizophrenia Research, 2013, 150, 303-311.	2.0	62
38	Childhood Trauma in Adult Depressive and Anxiety Disorders: An Integrated Review on Psychological and Biological Mechanisms in the NESDA Cohort. Journal of Affective Disorders, 2021, 283, 179-191.	4.1	58
39	Early-Life Blockade of 5-HT1A Receptors Alters Adult Anxiety Behavior and Benzodiazepine Sensitivity. Biological Psychiatry, 2010, 67, 309-316.	1.3	54
40	Schizophrenia and Epigenetic Aging Biomarkers: Increased Mortality, Reduced Cancer Risk, and Unique Clozapine Effects. Biological Psychiatry, 2020, 88, 224-235.	1.3	52
41	The methodological quality of 176,620 randomized controlled trials published between 1966 and 2018 reveals a positive trend but also an urgent need for improvement. PLoS Biology, 2021, 19, e3001162.	5. 6	52
42	Discovery and replication of a peripheral tissue DNA methylation biosignature to augment a suicide prediction model. Clinical Epigenetics, 2016, 8, 113.	4.1	47
43	Representation and Outcomes of Individuals With Schizophrenia Seen in Everyday Practice Who Are Ineligible for Randomized Clinical Trials. JAMA Psychiatry, 2022, 79, 210.	11.0	47
44	Longitudinal epigenome-wide association studies of three male military cohorts reveal multiple CpG sites associated with post-traumatic stress disorder. Clinical Epigenetics, 2020, 12, 11.	4.1	45
45	Premature Birth and Developmental Programming: Mechanisms of Resilience and Vulnerability. Frontiers in Psychiatry, 2020, 11, 531571.	2.6	45
46	The role of the serotonergic and GABA system in translational approaches in drug discovery for anxiety disorders. Frontiers in Pharmacology, 2013, 4, 74.	3.5	39
47	Statistical power of clinical trials increased while effect size remained stable: an empirical analysis of 136,212 clinical trials between 1975 and 2014. Journal of Clinical Epidemiology, 2018, 102, 123-128.	5.0	39
48	Dissociating anxiolytic and sedative effects of GABAAergic drugs using temperature and locomotor responses to acute stress. Psychopharmacology, 2009, 204, 299-311.	3.1	38
49	GABAA Receptor α Subunits Differentially Contribute to Diazepam Tolerance after Chronic Treatment. PLoS ONE, 2012, 7, e43054.	2.5	38
50	An integrated approach to understand biological stress system dysregulation across depressive and anxiety disorders. Journal of Affective Disorders, 2021, 283, 139-146.	4.1	36
51	Associations between psychiatric disorders, COVID-19 testing probability and COVID-19 testing results: findings from a population-based study. BJPsych Open, 2020, 6, e87.	0.7	35
52	The Effect of Dexamethasone on Symptoms of Posttraumatic Stress Disorder and Depression After Cardiac Surgery and Intensive Care Admission. Critical Care Medicine, 2016, 44, 512-520.	0.9	34
53	Childhood trauma and dysregulation of multiple biological stress systems in adulthood: Results from the Netherlands Study of Depression and Anxiety (NESDA). Psychoneuroendocrinology, 2020, 121, 104835.	2.7	33
54	Psychiatry in Times of the Coronavirus Disease 2019 (COVID-19) Pandemic. JAMA Psychiatry, 2020, 77, 1097.	11.0	33

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55	The inhibitory GABA system as a therapeutic target for cognitive symptoms in schizophrenia: investigational agents in the pipeline. Expert Opinion on Investigational Drugs, 2010, 19, 1217-1233.	4.1	32
56	Molecular genetic overlap between posttraumatic stress disorder and sleep phenotypes. Sleep, 2020, 43, .	1.1	32
57	¹ H–MRS processing parameters affect metabolite quantification: The urgent need for uniform and transparent standardization. NMR in Biomedicine, 2017, 30, e3804.	2.8	31
58	On the origin of allostasis and stress-induced pathology in farm animals: Celebrating Darwin's legacy. Veterinary Journal, 2009, 182, 378-383.	1.7	30
59	Childhood trauma and HPA axis functionality in offspring of bipolar parents. Psychoneuroendocrinology, 2016, 74, 316-323.	2.7	30
60	Medial amygdala lesions differentially influence stress responsivity and sensorimotor gating in rats. Physiology and Behavior, 2010, 99, 395-401.	2.1	29
61	Genetic vulnerability to schizophrenia is associated with cannabis use patterns during adolescence. Drug and Alcohol Dependence, 2018, 190, 143-150.	3.2	29
62	Systemic and Local Corticosteroid Use Is Associated with Reduced Executive Cognition, and Mood and Anxiety Disorders. Neuroendocrinology, 2020, 110, 282-291.	2.5	28
63	Breeding brains? Patients' and laymen's perspectives on cerebral organoids. Regenerative Medicine, 2020, 15, 2351-2360.	1.7	28
64	Trait anxiety mediates the effect of stress exposure on post-traumatic stress disorder and depression risk in cardiac surgery patients. Journal of Affective Disorders, 2016, 206, 216-223.	4.1	27
65	MicroRNA regulation of persistent stress-enhanced memory. Molecular Psychiatry, 2020, 25, 965-976.	7.9	27
66	Comprehensive pathway analyses of schizophrenia risk loci point to dysfunctional postsynaptic signaling. Schizophrenia Research, 2018, 199, 195-202.	2.0	26
67	Safe and informed prescribing of psychotropic medication during the COVID-19 pandemic. British Journal of Psychiatry, 2020, 217, 471-474.	2.8	25
68	Childhood trauma is associated with reduced frontal gray matter volume: a large transdiagnostic structural MRI study. Psychological Medicine, 2023, 53, 741-749.	4.5	22
69	A Common Variant in ERBB4 Regulates GABA Concentrations in Human Cerebrospinal Fluid. Neuropsychopharmacology, 2012, 37, 2088-2092.	5.4	21
70	Enhancing Discovery of Genetic Variants for Posttraumatic Stress Disorder Through Integration of Quantitative Phenotypes and Trauma Exposure Information. Biological Psychiatry, 2022, 91, 626-636.	1.3	21
71	Stress-induced hyperthermia is reduced by rapid-acting anxiolytic drugs independent of injection stress in rats. Pharmacology Biochemistry and Behavior, 2009, 93, 413-418.	2.9	20
72	Childhood abuse and white matter integrity in bipolar disorder patients and healthy controls. European Neuropsychopharmacology, 2018, 28, 807-817.	0.7	20

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73	Role of dopamine D1 and D2 receptors in CRF-induced disruption of sensorimotor gating. Pharmacology Biochemistry and Behavior, 2007, 86, 550-558.	2.9	19
74	Development of psychopathology in deployed armed forces in relation to plasma GABA levels. Psychoneuroendocrinology, 2016, 73, 263-270.	2.7	19
75	Analysis of 567,758 randomized controlled trials published over 30 years reveals trends in phrases used to discuss results that do not reach statistical significance. PLoS Biology, 2022, 20, e3001562.	5.6	19
76	Discriminative stimulus properties of GABAA receptor positive allosteric modulators TPA023, ocinaplon and NG2-73 in rats trained to discriminate chlordiazepoxide or zolpidem. European Journal of Pharmacology, 2011, 668, 190-193.	3.5	17
77	D-Amino Acid Aberrations in Cerebrospinal Fluid and Plasma of Smokers. Neuropsychopharmacology, 2013, 38, 2019-2026.	5.4	17
78	Glucocorticoid receptor exon 1F methylation and the cortisol stress response in health and disease. Psychoneuroendocrinology, 2018, 97, 182-189.	2.7	17
79	Lipidâ€suppressed and tissueâ€fraction corrected metabolic distributions in human central brain structures using 2D ¹ H magnetic resonance spectroscopic imaging at 7 T. Brain and Behavior, 2020, 10, e01852.	2.2	17
80	Working memory moderates the relation between the brain-derived neurotropic factor (BDNF) and psychotherapy outcome for depression. Journal of Psychiatric Research, 2020, 130, 424-432.	3.1	17
81	Genetic evidence for a large overlap and potential bidirectional causal effects between resilience and well-being. Neurobiology of Stress, 2021, 14, 100315.	4.0	16
82	Childhood trauma and its impact on depressive and anxiety symptomatology in adulthood: A 6-year longitudinal study. Journal of Affective Disorders, 2022, 312, 322-330.	4.1	16
83	10Kin1day: A Bottom-Up Neuroimaging Initiative. Frontiers in Neurology, 2019, 10, 425.	2.4	15
84	Stress-Induced Hyperthermia in Translational Stress Research. The Open Pharmacology Journal, 2010, 4, 30-35.	0.4	15
85	5-HT1A receptor blockade reverses GABAA receptor $\hat{l}\pm 3$ subunit-mediated anxiolytic effects on stress-induced hyperthermia. Psychopharmacology, 2010, 211, 123-130.	3.1	14
86	Cross-species behavioural genetics: A starting point for unravelling the neurobiology of human psychiatric disorders. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 1383-1390.	4.8	14
87	Psychotic Symptoms After Combined Metronidazole-Disulfiram Use. Journal of Clinical Psychopharmacology, 2013, 33, 136-137.	1.4	14
88	Cannabinoids and psychotic symptoms: A potential role for a genetic variant in the P2X purinoceptor 7 (P2RX7) gene. Brain, Behavior, and Immunity, 2020, 88, 573-581.	4.1	14
89	Disrupted upregulation of salience network connectivity during acute stress in siblings of schizophrenia patients. Psychological Medicine, 2021, 51, 1038-1048.	4.5	13
90	Models of Anxiety: Stressâ€Induced Hyperthermia (SIH) in Singly Housed Mice. Current Protocols in Pharmacology, 2009, 45, Unit 5.16.	4.0	11

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91	The autonomic stress-induced hyperthermia response is not enhanced by several anxiogenic drugs. Physiology and Behavior, 2011, 102, 105-109.	2.1	11
92	The association of sleep and physical activity with integrity of white matter microstructure in bipolar disorder patients and healthy controls. Psychiatry Research - Neuroimaging, 2017, 262, 71-80.	1.8	11
93	The effect of genetic vulnerability and military deployment on the development of post-traumatic stress disorder and depressive symptoms. European Neuropsychopharmacology, 2019, 29, 405-415.	0.7	11
94	Childhood Adversity Is Associated With Increased KITLG Methylation in Healthy Individuals but Not in Bipolar Disorder Patients. Frontiers in Psychiatry, 2019, 9, 743.	2.6	10
95	Circulating Serum MicroRNAs as Potential Diagnostic Biomarkers of Posttraumatic Stress Disorder: A Pilot Study. Frontiers in Genetics, 2019, 10, 1042.	2.3	10
96	Elucidating GABAB and GABAB Receptor Functions in Anxiety Using the Stress-Induced Hyperthermia Paradigm: A Review. The Open Pharmacology Journal, 2010, 4, 1-14.	0.4	10
97	A new genetic locus for antipsychotic-induced weight gain: A genome-wide study of first-episode psychosis patients using amisulpride (from the OPTiMiSE cohort). Journal of Psychopharmacology, 2020, 34, 524-531.	4.0	9
98	Burnout urgently needs robust research. Nature, 2021, 592, 188-188.	27.8	9
99	How childhood trauma and recent adverse events are related to hair cortisol levels in a large adult cohort. Psychoneuroendocrinology, 2021, 126, 105150.	2.7	9
100	Lifelong CRF overproduction is associated with altered gene expression and sensitivity of discrete GABAA and mGlu receptor subtypes. Psychopharmacology, 2012, 219, 897-908.	3.1	8
101	The Role of Stress and Mineralocorticoid Receptor Haplotypes in the Development of Symptoms of Depression and Anxiety During Adolescence. Frontiers in Psychiatry, 2020, 11, 367.	2.6	8
102	A more unstable resting-state functional network in cognitively declining multiple sclerosis. Brain Communications, 2022, 4, .	3.3	8
103	Multivariate genome-wide analysis of stress-related quantitative phenotypes. European Neuropsychopharmacology, 2019, 29, 1354-1364.	0.7	7
104	The effects of industry funding and positive outcomes in the interpretation of clinical trial results: a randomized trial among Dutch psychiatrists. BMC Medical Ethics, 2019, 20, 64.	2.4	7
105	The Role of Stress in Bipolar Disorder. Current Topics in Behavioral Neurosciences, 2020, 48, 21-39.	1.7	7
106	Adequate statistical power in clinical trials is associated with the combination of a male first author and a female last author. ELife, $2018, 7, .$	6.0	6
107	Early-life stress exposure and large-scale covariance brain networks in extremely preterm-born infants. Translational Psychiatry, 2022, 12, .	4.8	6
108	Genetic variation in the glucocorticoid receptor and psychopathology after dexamethasone administration in cardiac surgery patients. Journal of Psychiatric Research, 2018, 103, 167-172.	3.1	5

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109	Molecular characterization of the stress network in individuals at risk for schizophrenia. Neurobiology of Stress, 2021, 14, 100307.	4.0	5
110	Selective outcome reporting across psychopharmacotherapy randomized controlled trials. International Journal of Methods in Psychiatric Research, 2022, 31, e1900.	2.1	5
111	Direct-to-consumer communication on prescription only medicines via the Internet in the Netherlands, a pilot study Opinion of the pharmaceutical industry, patient associations and support groups. International Journal of Clinical Pharmacy, 2004, 26, 169-172.	1.4	4
112	Reward-Related Striatal Responses Following Stress in Healthy Individuals and Patients With Bipolar Disorder. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 966-974.	1.5	4
113	Antidepressant Discontinuation. Journal of Clinical Psychopharmacology, 2021, 41, 512-515.	1.4	4
114	Associations between the development of PTSD symptoms and longitudinal changes in the DNA methylome of deployed military servicemen: A comparison with polygenic risk scores. Comprehensive Psychoneuroendocrinology, 2020, 4, 100018.	1.7	4
115	5-HT1A receptor sensitivity in 5-HT1B receptor KO mice is unaffected by chronic fluvoxamine treatment. European Journal of Pharmacology, 2011, 667, 250-257.	3.5	3
116	Getting under the skin: Does biology help predict chronicity of depression?. Journal of Affective Disorders, 2020, 274, 1013-1021.	4.1	3
117	Study protocol of a randomized, double-blind, placebo-controlled, multi-center trial to treat antipsychotic-induced weight gain: the Metformin-Lifestyle in antipsychotic users (MELIA) trial. BMC Psychiatry, 2021, 21, 4.	2.6	3
118	The DEXA-CORT trial: study protocol of a randomised placebo-controlled trial of hydrocortisone in patients with brain tumour on the prevention of neuropsychiatric adverse effects caused by perioperative dexamethasone. BMJ Open, 2021, 11, e054405.	1.9	3
119	The rapid hydrolysis of chlordiazepoxide to demoxepam may affect the outcome of chronic osmotic minipump studies. Psychopharmacology, 2010, 208, 555-562.	3.1	2
120	Clinical consequences of extensive routine laboratory investigations in patients with a recent onset psychotic disorder. Schizophrenia Research, 2017, 189, 210-212.	2.0	2
121	Glutamate levels across deep brain structures in patients with a psychotic disorder and its relation to cognitive functioning. Journal of Psychopharmacology, 2022, 36, 489-497.	4.0	2
122	Clinical Trial Registration Patterns and Changes in Primary Outcomes of Randomized Clinical Trials From 2002 to 2017. JAMA Internal Medicine, 2022, 182, 779.	5.1	2
123	Kv7 channel modulators reduce the stress-induced hyperthermia response and cause locomotor sedation in rats. Journal of Thermal Biology, 2012, 37, 302-308.	2.5	0
124	O4.1. GENETIC VULNERABILITY TO DUSP22 PROMOTOR HYPERMETHYLATION IS INVOLVED IN THE RELATION BETWEEN IN UTERO FAMINE EXPOSURE AND SCHIZOPHRENIA. Schizophrenia Bulletin, 2018, 44, S82-S82.	4.3	0
125	O12.1. EXAMINING THE NEUROBIOLOGICAL IMPACT OF CHILDHOOD TRAUMA: AN IMPORTANT ROLE FOR FRONTAL AND INSULAR REGIONS. Schizophrenia Bulletin, 2018, 44, S109-S109.	4.3	0
126	The brain mineralocorticoid receptor. , 2020, , 45-62.		O

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127	Stress-related psychopathology after cardiac surgery and intensive care treatment. Journal of Affective Disorders Reports, 2021, 6, 100199.	1.7	0