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List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

8,927
citations

50244

46
h-index

48277

88
g-index

102
all docs

102
docs citations

102
times ranked

10304
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Depression and Antidepressant Treatment on Heart Rate Variability: A Review and Meta-Analysis. <i>Biological Psychiatry</i> , 2010, 67, 1067-1074.	0.7	984
2	Anxiety Disorders are Associated with Reduced Heart Rate Variability: A Meta-Analysis. <i>Frontiers in Psychiatry</i> , 2014, 5, 80.	1.3	634
3	Autism spectrum disorders: a meta-analysis of executive function. <i>Molecular Psychiatry</i> , 2018, 23, 1198-1204.	4.1	453
4	The relationship between mental and physical health: Insights from the study of heart rate variability. <i>International Journal of Psychophysiology</i> , 2013, 89, 288-296.	0.5	418
5	Cytokine aberrations in autism spectrum disorder: a systematic review and meta-analysis. <i>Molecular Psychiatry</i> , 2015, 20, 440-446.	4.1	371
6	Depression, Comorbid Anxiety Disorders, and Heart Rate Variability in Physically Healthy, Unmedicated Patients: Implications for Cardiovascular Risk. <i>PLoS ONE</i> , 2012, 7, e30777.	1.1	331
7	Autonomic nervous system dysfunction in psychiatric disorders and the impact of psychotropic medications: a systematic review and meta-analysis. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, 89-104.	1.4	321
8	Guidelines for Reporting Articles on Psychiatry and Heart rate variability (GRAPH): recommendations to advance research communication. <i>Translational Psychiatry</i> , 2016, 6, e803-e803.	2.4	289
9	A systematic review and meta-analysis of discrepancies between logged and self-reported digital media use. <i>Nature Human Behaviour</i> , 2021, 5, 1535-1547.	6.2	265
10	Heart rate variability is associated with emotion recognition: Direct evidence for a relationship between the autonomic nervous system and social cognition. <i>International Journal of Psychophysiology</i> , 2012, 86, 168-172.	0.5	264
11	Considerations in the assessment of heart rate variability in biobehavioral research. <i>Frontiers in Psychology</i> , 2014, 5, 805.	1.1	261
12	Bayesian alternatives for common null-hypothesis significance tests in psychiatry: a non-technical guide using JASP. <i>BMC Psychiatry</i> , 2018, 18, 178.	1.1	258
13	Oxytocin pathway gene networks in the human brain. <i>Nature Communications</i> , 2019, 10, 668.	5.8	200
14	The correlation between central and peripheral oxytocin concentrations: A systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 78, 117-124.	2.9	181
15	From pre-registration to publication: a non-technical primer for conducting a meta-analysis to synthesize correlational data. <i>Frontiers in Psychology</i> , 2015, 6, 1549.	1.1	154
16	International Consensus Based Review and Recommendations for Minimum Reporting Standards in Research on Transcutaneous Vagus Nerve Stimulation (Version 2020). <i>Frontiers in Human Neuroscience</i> , 2020, 14, 568051.	1.0	143
17	Treatment outcomes for anorexia nervosa: a systematic review and meta-analysis of randomized controlled trials. <i>Psychological Medicine</i> , 2019, 49, 535-544.	2.7	136
18	Advances in the field of intranasal oxytocin research: lessons learned and future directions for clinical research. <i>Molecular Psychiatry</i> , 2021, 26, 80-91.	4.1	133

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19	Matter Over Mind: A Randomised-Controlled Trial of Single-Session Biofeedback Training on Performance Anxiety and Heart Rate Variability in Musicians. <i>PLoS ONE</i> , 2012, 7, e46597.	1.1	128
20	Do delivery routes of intranasally administered oxytocin account for observed effects on social cognition and behavior? A two-level model. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 49, 182-192.	2.9	126
21	Oxytocin Increases Heart Rate Variability in Humans at Rest: Implications for Social Approach-Related Motivation and Capacity for Social Engagement. <i>PLoS ONE</i> , 2012, 7, e44014.	1.1	125
22	An Allostatic Theory of Oxytocin. <i>Trends in Cognitive Sciences</i> , 2020, 24, 515-528.	4.0	121
23	Statistical considerations for reporting and planning heart rate variability case-control studies. <i>Psychophysiology</i> , 2017, 54, 344-349.	1.2	114
24	The promise and pitfalls of intranasally administering psychopharmacological agents for the treatment of psychiatric disorders. <i>Molecular Psychiatry</i> , 2016, 21, 29-38.	4.1	103
25	On the validity of using the Polar RS800 heart rate monitor for heart rate variability research. <i>European Journal of Applied Physiology</i> , 2012, 112, 4179-4180.	1.2	102
26	Reduced Heart Rate Variability in Social Anxiety Disorder: Associations with Gender and Symptom Severity. <i>PLoS ONE</i> , 2013, 8, e70468.	1.1	101
27	Misinformation About COVID-19 Vaccines on Social Media: Rapid Review. <i>Journal of Medical Internet Research</i> , 2022, 24, e37367.	2.1	100
28	Low dose intranasal oxytocin delivered with Breath Powered device dampens amygdala response to emotional stimuli: A peripheral effect-controlled within-subjects randomized dose-response fMRI trial. <i>Psychoneuroendocrinology</i> , 2016, 69, 180-188.	1.3	90
29	A Meta-Analysis on the Impact of Alcohol Dependence on Short-Term Resting-State Heart Rate Variability: Implications for Cardiovascular Risk. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, E23-9.	1.4	89
30	Heart rate variability during adolescent and adult social interactions: A meta-analysis. <i>Biological Psychology</i> , 2015, 105, 43-50.	1.1	79
31	Worry is associated with robust reductions in heart rate variability: a transdiagnostic study of anxiety psychopathology. <i>BMC Psychology</i> , 2016, 4, 32.	0.9	79
32	Low-dose oxytocin delivered intranasally with Breath Powered device affects social-cognitive behavior: a randomized four-way crossover trial with nasal cavity dimension assessment. <i>Translational Psychiatry</i> , 2015, 5, e602-e602.	2.4	78
33	Dose-dependent social-cognitive effects of intranasal oxytocin delivered with novel Breath Powered device in adults with autism spectrum disorder: a randomized placebo-controlled double-blind crossover trial. <i>Translational Psychiatry</i> , 2017, 7, e1136-e1136.	2.4	75
34	A synthetic dataset primer for the biobehavioural sciences to promote reproducibility and hypothesis generation. <i>ELife</i> , 2020, 9, .	2.8	74
35	Heart rate variability predicts alcohol craving in alcohol dependent outpatients: Further evidence for HRV as a psychophysiological marker of self-regulation. <i>Drug and Alcohol Dependence</i> , 2013, 132, 395-398.	1.6	68
36	Evidence for intranasal oxytocin delivery to the brain: recent advances and future perspectives. <i>Therapeutic Delivery</i> , 2018, 9, 515-525.	1.2	68

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37	Multimodal imaging improves brain age prediction and reveals distinct abnormalities in patients with psychiatric and neurological disorders. <i>Human Brain Mapping</i> , 2021, 42, 1714-1726.	1.9	68
38	Major depressive disorder with melancholia displays robust alterations in resting state heart rate and its variability: implications for future morbidity and mortality. <i>Frontiers in Psychology</i> , 2014, 5, 1387.	1.1	67
39	Effects of Public Green Space on Acute Psychophysiological Stress Response: A Systematic Review and Meta-Analysis of the Experimental and Quasi-Experimental Evidence. <i>Environment and Behavior</i> , 2021, 53, 184-226.	2.1	67
40	Beyond the hype and hope: Critical considerations for intranasal oxytocin research in autism spectrum disorder. <i>Autism Research</i> , 2017, 10, 25-41.	2.1	64
41	Reduced heart rate variability in schizophrenia and bipolar disorder compared to healthy controls. <i>Acta Psychiatrica Scandinavica</i> , 2016, 133, 44-52.	2.2	58
42	A Meta-analysis of Theory of Mind in Alcohol Use Disorders. <i>Alcohol and Alcoholism</i> , 2016, 51, 410-415.	0.9	57
43	Sustained attention and heart rate variability in children and adolescents with ADHD. <i>Biological Psychology</i> , 2017, 124, 11-20.	1.1	57
44	Resting-state high-frequency heart rate variability is related to respiratory frequency in individuals with severe mental illness but not healthy controls. <i>Scientific Reports</i> , 2016, 6, 37212.	1.6	52
45	A role for autonomic cardiac control in the effects of oxytocin on social behavior and psychiatric illness. <i>Frontiers in Neuroscience</i> , 2013, 7, 48.	1.4	49
46	Heart rate variability during social interactions in children with and without psychopathology: a meta-analysis. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2014, 55, 981-989.	3.1	49
47	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. <i>Molecular Psychiatry</i> , 2020, 25, 584-602.	4.1	49
48	Impact of depression heterogeneity on attention: An auditory oddball event related potential study. <i>Journal of Affective Disorders</i> , 2010, 123, 202-207.	2.0	48
49	Intranasal Oxytocin Mechanisms Can Be Better Understood, but Its Effects on Social Cognition and Behavior Are Not to Be Sniffed At. <i>Biological Psychiatry</i> , 2016, 79, e49-e50.	0.7	40
50	Effects of Serotonin Reuptake Inhibitors on Heart Rate Variability: Methodological Issues, Medical Comorbidity, and Clinical Relevance. <i>Biological Psychiatry</i> , 2011, 69, e25-e26.	0.7	38
51	Saliva oxytocin measures do not reflect peripheral plasma concentrations after intranasal oxytocin administration in men. <i>Hormones and Behavior</i> , 2018, 102, 85-92.	1.0	37
52	Moderate alcohol intake is related to increased heart rate variability in young adults: Implications for health and well-being. <i>Psychophysiology</i> , 2013, 50, 1202-1208.	1.2	36
53	Cortical thickness and resting-state cardiac function across the lifespan: A cross-sectional pooled mega-analysis. <i>Psychophysiology</i> , 2021, 58, e13688.	1.2	33
54	Cardiovascular risk remains high in schizophrenia with modest improvements in bipolar disorder during past decade. <i>Acta Psychiatrica Scandinavica</i> , 2019, 139, 348-360.	2.2	31

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55	Revisiting non-significant effects of intranasal oxytocin using equivalence testing. <i>Psychoneuroendocrinology</i> , 2018, 87, 127-130.	1.3	30
56	Polygenic overlap and shared genetic loci between loneliness, severe mental disorders, and cardiovascular disease risk factors suggest shared molecular mechanisms. <i>Translational Psychiatry</i> , 2021, 11, 3.	2.4	29
57	Improving the precision of intranasal oxytocin research. <i>Nature Human Behaviour</i> , 2021, 5, 9-18.	6.2	28
58	Oxytocin system dysfunction as a common mechanism underlying metabolic syndrome and psychiatric symptoms in schizophrenia and bipolar disorders. <i>Frontiers in Neuroendocrinology</i> , 2017, 45, 1-10.	2.5	26
59	Resting heart rate variability, attention and attention maintenance in young adults. <i>International Journal of Psychophysiology</i> , 2019, 143, 126-131.	0.5	26
60	Low-dose intranasal oxytocin delivered with Breath Powered device modulates pupil diameter and amygdala activity: a randomized controlled pupillometry and fMRI study. <i>Neuropsychopharmacology</i> , 2019, 44, 306-313.	2.8	23
61	Oxytocin receptor expression patterns in the human brain across development. <i>Neuropsychopharmacology</i> , 2022, 47, 1550-1560.	2.8	23
62	The relationship between central and peripheral oxytocin concentrations: a systematic review and meta-analysis protocol. <i>Systematic Reviews</i> , 2016, 5, 49.	2.5	22
63	Twitter Article Mentions and Citations: An Exploratory Analysis of Publications in the American Journal of Psychiatry. <i>American Journal of Psychiatry</i> , 2016, 173, 194-194.	4.0	22
64	Is Heart Rate Variability Reduced in Depression Without Cardiovascular Disease?. <i>Biological Psychiatry</i> , 2011, 69, e3-e4.	0.7	18
65	Heart rate variability is associated with disease severity in psychosis spectrum disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 111, 110108.	2.5	18
66	Prominent health problems, socioeconomic deprivation, and higher brain age in lonely and isolated individuals: A population-based study. <i>Behavioural Brain Research</i> , 2021, 414, 113510.	1.2	18
67	How Podcasts Can Benefit Scientific Communities. <i>Trends in Cognitive Sciences</i> , 2021, 25, 3-5.	4.0	17
68	Reduced heart rate variability in a treatment-seeking early psychosis sample. <i>Psychiatry Research</i> , 2018, 269, 293-300.	1.7	16
69	Most oxytocin administration studies are statistically underpowered to reliably detect (or reject) a wide range of effect sizes. <i>Comprehensive Psychoneuroendocrinology</i> , 2020, 4, 100014.	0.7	16
70	Diurnal Variation and Twenty-Four Hour Sleep Deprivation Do Not Alter Supine Heart Rate Variability in Healthy Male Young Adults. <i>PLoS ONE</i> , 2017, 12, e0170921.	1.1	15
71	The Promise of Intranasal Esketamine as a Novel and Effective Antidepressant. <i>JAMA Psychiatry</i> , 2018, 75, 123.	6.0	15
72	Age-related differences in the error-related negativity and error positivity in children and adolescents are moderated by sample and methodological characteristics: A meta-analysis. <i>Psychophysiology</i> , 2022, 59, e14003.	1.2	15

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73	Oxytocin modulation of self-referential processing is partly replicable and sensitive to oxytocin receptor genotype. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 96, 109734.	2.5	13
74	Telomeres are shorter and associated with number of suicide attempts in affective disorders. <i>Journal of Affective Disorders</i> , 2021, 295, 1032-1039.	2.0	13
75	Contribution of oxytocin receptor polymorphisms to amygdala activation in schizophrenia spectrum disorders. <i>BJPsych Open</i> , 2016, 2, 353-358.	0.3	11
76	Associations of loneliness and social isolation with cardiovascular and metabolic health: a systematic review and meta-analysis protocol. <i>Systematic Reviews</i> , 2020, 9, 102.	2.5	11
77	Circadian Rhythms, Sleep, and the Autonomic Nervous System. <i>Journal of Psychophysiology</i> , 2020, 34, 1-9.	0.3	10
78	The Modum-ED Trial Protocol: Comparing Compassion-Focused Therapy and Cognitive-Behavioral Therapy in Treatment of Eating Disorders With and Without Childhood Trauma: Protocol of a Randomized Trial. <i>Frontiers in Psychology</i> , 2019, 10, 1638.	1.1	9
79	The impact of oxytocin administration on brain activity: a systematic review and meta-analysis protocol. <i>Systematic Reviews</i> , 2016, 5, 205.	2.5	8
80	Towards better hypothesis tests in oxytocin research: Evaluating the validity of auxiliary assumptions. <i>Psychoneuroendocrinology</i> , 2022, 137, 105642.	1.3	8
81	Reliability of basal plasma vasopressin concentrations in healthy male adults. <i>Acta Neuropsychiatrica</i> , 2017, 29, 315-321.	1.0	7
82	Cold Face Test-Induced Increases in Heart Rate Variability Are Abolished by Engagement in a Social Cognition Task. <i>Journal of Psychophysiology</i> , 2016, 30, 38-46.	0.3	7
83	Registration, reporting, and replication in clinical trials: The case of anorexia nervosa. <i>International Journal of Eating Disorders</i> , 2020, 53, 138-142.	2.1	4
84	Replication studies for undergraduate theses to improve science and education. <i>Nature Human Behaviour</i> , 2021, 5, 1117-1118.	6.2	4
85	Linking Central Patterns and Using and Large-Scale of fMRI Data: A Tutorial and Example Using the Signaling Pathway. <i>Methods in Molecular Biology</i> , 2022, 2384, 127-137.	0.4	4
86	Oxytocin's dynamic role across the lifespan. <i>Aging Brain</i> , 2022, 2, 100028.	0.7	4
87	Oxytocin-pathway polygenic scores for severe mental disorders and metabolic phenotypes in the UK Biobank. <i>Translational Psychiatry</i> , 2021, 11, 599.	2.4	2
88	Oxytocin: How Does This Neuropeptide Change Our Social Behavior?. <i>Frontiers for Young Minds</i> , 0, 4, .	0.8	1
89	Sex as a Moderator Between Parent Ratings of Executive Dysfunction and Social Difficulties in Children and Adolescents with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 0, , .	1.7	1
90	Substance misuse and social cognition on the psychosis-spectrum: A bottom-up framework. , 2019, , 201-217.		0

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91	Meta-analysis misunderstood: a cautionary tale in interpreting meta-analytic findings. <i>Psychological Medicine</i> , 2019, 49, 699-700.	2.7	0
92	Transparent evaluation of scholarly communications. <i>Septentrio Conference Series</i> , 2020, , .	0.0	0