

# Zoltan Sarnyai

## List of Publications by Year in descending order

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Version: 2024-02-01

106  
papers

6,017  
citations

125106

35  
h-index

90395

73  
g-index

109  
all docs

109  
docs citations

109  
times ranked

7978  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cannabidiol for at risk for psychosis youth: A randomized controlled trial. <i>Microbial Biotechnology</i> , 2022, 16, 419-432.	0.9	9
2	Schizophrenia: a disorder of broken brain bioenergetics. <i>Molecular Psychiatry</i> , 2022, 27, 2393-2404.	4.1	26
3	Adverse childhood experiences and allostatic load: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 136, 104605.	2.9	40
4	Allostatic load and systemic comorbidities in psychiatric disorders. <i>Psychoneuroendocrinology</i> , 2022, 140, 105726.	1.3	10
5	Human nail cortisol as a retrospective biomarker of chronic stress: A systematic review. <i>Psychoneuroendocrinology</i> , 2021, 123, 104903.	1.3	24
6	Within-treatment changes in a novel addiction treatment program using traditional Amazonian medicine. <i>Therapeutic Advances in Psychopharmacology</i> , 2021, 11, 204512532098663.	1.2	12
7	Understanding the pathology of psychiatric disorders in refugees. <i>Psychiatry Research</i> , 2021, 296, 113661.	1.7	3
8	Building brain capital. <i>Neuron</i> , 2021, 109, 1430-1432.	3.8	5
9	Relationship between allostatic load and clinical outcomes in youth at ultra-high risk for psychosis in the NEURAPRO study. <i>Schizophrenia Research</i> , 2020, 226, 38-43.	1.1	13
10	Cross-sectional association of seafood consumption, polyunsaturated fatty acids and depressive symptoms in two Torres Strait communities. <i>Nutritional Neuroscience</i> , 2020, 23, 353-362.	1.5	8
11	Health risk behaviours and allostatic load: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 108, 694-711.	2.9	90
12	The Gut Microbiome in Psychosis From Mice to Men: A Systematic Review of Preclinical and Clinical Studies. <i>Frontiers in Psychiatry</i> , 2020, 11, 799.	1.3	19
13	Ketogenic therapy in neurodegenerative and psychiatric disorders: From mice to men. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 101, 109913.	2.5	44
14	Ketogenic Therapy in Serious Mental Illness: Emerging Evidence. <i>International Journal of Neuropsychopharmacology</i> , 2020, 23, 434-439.	1.0	9
15	Stress, allostatic load and mental health in Indigenous Australians. <i>Stress</i> , 2020, 23, 509-518.	0.8	22
16	Effects of beta-hydroxybutyrate administration on MK-801-induced schizophrenia-like behaviour in mice. <i>Psychopharmacology</i> , 2020, 237, 1397-1405.	1.5	28
17	Protocol for the Use of the Ketogenic Diet in Preclinical and Clinical Practice. <i>Methods in Molecular Biology</i> , 2020, 2138, 83-98.	0.4	8
18	Testing the Effects of Dietary Seafood Consumption on Depressive Symptoms. <i>Methods in Molecular Biology</i> , 2020, 2138, 233-242.	0.4	0

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19	Ketogenic diet and olanzapine treatment alone and in combination reduce a pharmacologically-induced prepulse inhibition deficit in female mice. <i>Schizophrenia Research</i> , 2019, 212, 221-224.	1.1	9
20	Social rank does not affect sperm quality in male African wild dogs ( <i>Lycaon pictus</i> ). <i>Reproduction, Fertility and Development</i> , 2019, 31, 875.	0.1	11
21	Dog appeasing pheromone prevents the androgen surge and may reduce contact dominance and active submission after stressful interventions in African wild dogs ( <i>Lycaon pictus</i> ). <i>PLoS ONE</i> , 2019, 14, e0212551.	1.1	12
22	Hair cortisol, allostatic load, and depressive symptoms in Australian Aboriginal and Torres Strait Islander people. <i>Stress</i> , 2019, 22, 312-320.	0.8	22
23	A Neuroethics Framework for the Australian Brain Initiative. <i>Neuron</i> , 2019, 101, 365-369.	3.8	11
24	Ketogenic diet for schizophrenia. <i>Current Opinion in Psychiatry</i> , 2019, 32, 394-401.	3.1	33
25	The Open Field Test for Measuring Locomotor Activity and Anxiety-Like Behavior. <i>Methods in Molecular Biology</i> , 2019, 1916, 99-103.	0.4	339
26	Ketogenic diet prevents impaired prepulse inhibition of startle in an acute NMDA receptor hypofunction model of schizophrenia. <i>Schizophrenia Research</i> , 2019, 206, 244-250.	1.1	32
27	The Forced Swim Test for Depression-Like Behavior in Rodents. <i>Methods in Molecular Biology</i> , 2019, 1916, 75-80.	0.4	36
28	The Y-Maze for Assessment of Spatial Working and Reference Memory in Mice. <i>Methods in Molecular Biology</i> , 2019, 1916, 105-111.	0.4	538
29	The Elevated Plus Maze Test for Measuring Anxiety-Like Behavior in Rodents. <i>Methods in Molecular Biology</i> , 2019, 1916, 69-74.	0.4	126
30	Object Burying Test for Assessment of Obsessive Compulsive Behaviors in Mice. <i>Methods in Molecular Biology</i> , 2019, 1916, 81-85.	0.4	4
31	Free Dyadic Social Interaction Test in Mice. <i>Methods in Molecular Biology</i> , 2019, 1916, 93-97.	0.4	7
32	The Nest Building Test in Mice for Assessment of General Well-Being. <i>Methods in Molecular Biology</i> , 2019, 1916, 87-91.	0.4	13
33	Glucose homeostasis in major depression and schizophrenia: a comparison among drug-naïve first-episode patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019, 269, 373-377.	1.8	19
34	The Therapeutic Potential of Ketogenic Diet Throughout Life: Focus on Metabolic, Neurodevelopmental and Neurodegenerative Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1178, 77-101.	0.8	11
35	Chronic Helminth Infection Perturbs the Gut-Brain Axis, Promotes Neuropathology, and Alters Behavior. <i>Journal of Infectious Diseases</i> , 2018, 218, 1511-1516.	1.9	6
36	Neuropsychiatric Sequelae of Early Nutritional Modifications: A Beginner's Guide to Behavioral Analysis. <i>Methods in Molecular Biology</i> , 2018, 1735, 403-420.	0.4	8

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37	Allostatic load is associated with psychotic symptoms and decreases with antipsychotic treatment in patients with schizophrenia and first-episode psychosis. <i>Psychoneuroendocrinology</i> , 2018, 90, 35-42.	1.3	47
38	From Molecule to Market. , 2018, , 25-56.		0
39	Adverse effect of early-life high-fat/high-carbohydrate (‘Western’) diet on bacterial community in the distal bowel of mice. <i>Nutrition Research</i> , 2018, 50, 25-36.	1.3	20
40	Cortisol Awakening Response and Acute Stress Reactivity in First Nations People. <i>Scientific Reports</i> , 2017, 7, 41760.	1.6	35
41	Connecting Brain Proteomics with Behavioural Neuroscience in Translational Animal Models of Neuropsychiatric Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2017, 974, 97-114.	0.8	6
42	Tramadol: Effects on sexual behavior in male rats are mainly caused by its 5-HT reuptake blocking effects. <i>Neuropharmacology</i> , 2017, 116, 50-58.	2.0	38
43	Omega-6 to omega-3 polyunsaturated fatty acid ratio and subsequent mood disorders in young people with at-risk mental states: a 7-year longitudinal study. <i>Translational Psychiatry</i> , 2017, 7, e1220-e1220.	2.4	78
44	Assessment of Insulin Resistance Among Drug-Naive Patients With First-Episode Schizophrenia in the Context of Hormonal Stress Axis Activation. <i>JAMA Psychiatry</i> , 2017, 74, 968.	6.0	26
45	Cortisol awakening response in patients with psychosis: Systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 157-166.	2.9	86
46	Allostatic load mediates the impact of stress and trauma on physical and mental health in Indigenous Australians. <i>Australasian Psychiatry</i> , 2016, 24, 72-75.	0.4	15
47	Mental health consequences of stress and trauma: allostatic load markers for practice and policy with a focus on Indigenous health. <i>Australasian Psychiatry</i> , 2015, 23, 644-649.	0.4	16
48	Prolonged Subcutaneous Administration of Oxytocin Accelerates Angiotensin II-Induced Hypertension and Renal Damage in Male Rats. <i>PLoS ONE</i> , 2015, 10, e0138048.	1.1	15
49	‘More than skin deep’ stress neurobiology and mental health consequences of racial discrimination. <i>Stress</i> , 2015, 18, 1-10.	0.8	385
50	Ketogenic diet reverses behavioral abnormalities in an acute NMDA receptor hypofunction model of schizophrenia. <i>Schizophrenia Research</i> , 2015, 169, 491-493.	1.1	46
51	Lifelong, central corticotropin-releasing factor (CRF) overexpression is associated with individual differences in cocaine-induced conditioned place preference. <i>European Journal of Pharmacology</i> , 2015, 753, 151-157.	1.7	8
52	Modeling combined schizophrenia-related behavioral and metabolic phenotypes in rodents. <i>Behavioural Brain Research</i> , 2015, 276, 130-142.	1.2	17
53	Clozapine promotes glycolysis and myelin lipid synthesis in cultured oligodendrocytes. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 384.	1.8	45
54	Oxytocin in learning and addiction: From early discoveries to the present. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 119, 3-9.	1.3	91

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55	Guest editorial. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 119, 1-2.	1.3	3
56	Correction: Severe depression is associated with increased microglial quinolinic acid in subregions of the anterior cingulate gyrus: evidence for an immune-modulated glutamatergic neurotransmission?. <i>Journal of Neuroinflammation</i> , 2013, 10, .	3.1	2
57	An exploratory study of cannabis withdrawal among Indigenous Australian prison inmates: study protocol. <i>BMJ Open</i> , 2013, 3, e002951.	0.8	5
58	Increased Prevalence of Diverse N -Methyl-D-Aspartate Glutamate Receptor Antibodies in Patients With an Initial Diagnosis of Schizophrenia. <i>JAMA Psychiatry</i> , 2013, 70, 271.	6.0	336
59	Estudos traducionais de neuropsiquiatria e esquizofrenia: modelos animais genĂ©ticos e de neurodesenvolvimento. <i>Revista De Psiquiatria Clinica</i> , 2013, 40, 41-50.	0.6	5
60	Reduced density of hypothalamic VGF-immunoreactive neurons in schizophrenia: a potential link to impaired growth factor signaling and energy homeostasis. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2012, 262, 365-374.	1.8	23
61	Molecular Validation of the Acute Phencyclidine Rat Model for Schizophrenia: Identification of Translational Changes in Energy Metabolism and Neurotransmission. <i>Journal of Proteome Research</i> , 2012, 11, 3704-3714.	1.8	30
62	Bridging the gap between the immune and glutamate hypotheses of schizophrenia and major depression: Potential role of glial NMDA receptor modulators and impaired blood-brain barrier integrity. <i>World Journal of Biological Psychiatry</i> , 2012, 13, 482-492.	1.3	130
63	Influence of transgenic corticotropin-releasing factor (CRF) over-expression on social recognition memory in mice. <i>Behavioural Brain Research</i> , 2011, 218, 357-362.	1.2	17
64	Oxytocin as a potential mediator and modulator of drug addiction. <i>Addiction Biology</i> , 2011, 16, 199-201.	1.4	33
65	Optogenetics: potentials for addiction research. <i>Addiction Biology</i> , 2011, 16, 519-531.	1.4	15
66	Protective effects of haloperidol and clozapine on energy-deprived OLN-93 oligodendrocytes. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2011, 261, 477-482.	1.8	21
67	Severe depression is associated with increased microglial quinolinic acid in subregions of the anterior cingulate gyrus: Evidence for an immune-modulated glutamatergic neurotransmission?. <i>Journal of Neuroinflammation</i> , 2011, 8, 94.	3.1	466
68	Behavioral and Molecular Biomarkers in Translational Animal Models for Neuropsychiatric Disorders. <i>International Review of Neurobiology</i> , 2011, 101, 203-238.	0.9	28
69	From molecule to market: steroid hormones and financial risk-taking. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 331-343.	1.8	89
70	Decreased expression of multidrug efflux transporters in the brains of GSK-3 $\beta$ transgenic mice. <i>Brain Research</i> , 2009, 1276, 1-10.	1.1	10
71	Single valproic acid treatment inhibits glycogen and RNA ribose turnover while disrupting glucose-derived cholesterol synthesis in liver as revealed by the [U-13C6]-d-glucose tracer in mice. <i>Metabolomics</i> , 2009, 5, 336-345.	1.4	34
72	Modeling Networks of Glycolysis, Overall Energy Metabolism and Drug Metabolism under a Systems Biology Approach. <i>Annual Reports in Medicinal Chemistry</i> , 2008, 43, 329-349.	0.5	2

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73	Altered behavioural adaptation in mice with neural corticotrophin-releasing factor overexpression. <i>Genes, Brain and Behavior</i> , 2007, 6, 598-607.	1.1	24
74	Functional Abnormalities in the Hippocampus and Impaired Hippocampal-dependent Learning in Mice Lacking the 5HT1A Receptors. <i>CNS Neuroscience &amp; Therapeutics</i> , 2006, 6, 40-40.	4.0	0
75	Adaptive Changes in Postsynaptic Dopamine Receptors Despite Unaltered Dopamine Dynamics in Mice Lacking Monoamine Oxidase B. <i>Journal of Neurochemistry</i> , 2002, 73, 647-655.	2.1	28
76	The DBA/2J strain and prepulse inhibition of startle: a model system to test antipsychotics?. <i>Psychopharmacology</i> , 2001, 156, 284-290.	1.5	107
77	Impaired hippocampal-dependent learning and functional abnormalities in the hippocampus in mice lacking serotonin1A receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 14731-14736.	3.3	342
78	Neurobiology of Stress and Cocaine Addiction: Studies on Corticotropin-Releasing Factor in Rats, Monkeys, and Humans. <i>Annals of the New York Academy of Sciences</i> , 1998, 851, 371-387.	1.8	62
79	OXYTOCIN AND ADDICTION: A REVIEW. <i>Psychoneuroendocrinology</i> , 1998, 23, 945-962.	1.3	174
80	Selective regulation of dopamine transporter binding in the shell of the nucleus accumbens by adrenalectomy and corticosterone-replacement. , 1998, 30, 334-337.		31
81	Neuroendocrine-Related Effects of Long-Term, "Binge" Cocaine Administration: Diminished Individual Differences in Stress-Induced Corticosterone Response. <i>Neuroendocrinology</i> , 1998, 68, 334-344.	1.2	55
82	Antisense Inhibition of 5-Hydroxytryptamine2aReceptor Induces an Antidepressant-Like Effect in Mice. <i>Molecular Pharmacology</i> , 1997, 52, 1056-1063.	1.0	73
83	Time-dependent alterations in corticotropin-releasing factor-like immunoreactivity in different brain regions after acute cocaine administration to rats. <i>Neuropeptides</i> , 1997, 31, 15-18.	0.9	22
84	Oxytocin blocks the development of heroin-fentanyl cross-tolerance in mice. <i>Pharmacology Biochemistry and Behavior</i> , 1995, 52, 591-594.	1.3	7
85	Brain corticotropin-releasing factor mediates "anxiety-like" behavior induced by cocaine withdrawal in rats. <i>Brain Research</i> , 1995, 675, 89-97.	1.1	249
86	Role of oxytocin in the neuroadaptation to drugs of abuse. <i>Psychoneuroendocrinology</i> , 1994, 19, 85-117.	1.3	121
87	Cocaine-induced elevation of plasma corticosterone is mediated by different neurotransmitter systems in rats. <i>Pharmacology Biochemistry and Behavior</i> , 1993, 45, 209-214.	1.3	16
88	Alterations of corticotropin-releasing factor-like immunoreactivity in different brain regions after acute cocaine administration in rats. <i>Brain Research</i> , 1993, 616, 315-319.	1.1	52
89	Role of Endogenous Corticotropin Releasing Factor in Mediation of Neuroendocrine and Behavioral Responses to Cholecystokinin Octapeptide Sulfate Ester in Rats. <i>Neuroendocrinology</i> , 1993, 57, 340-345.	1.2	58
90	Measurement of Cocaine-Induced Stereotyped Behavior in Response to Neuropeptides. <i>Methods in Neurosciences</i> , 1993, 14, 153-165.	0.5	5

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91	Critical role of endogenous corticotropin-releasing factor (CRF) in the mediation of the behavioral action of cocaine in rats. <i>Life Sciences</i> , 1992, 51, 2019-2024.	2.0	40
92	Oxytocin modulates behavioural adaptation to repeated treatment with cocaine in rats. <i>Neuropharmacology</i> , 1992, 31, 593-598.	2.0	35
93	The cocaine-induced elevation of plasma corticosterone is mediated by endogenous corticotropin-releasing factor (CRF) in rats. <i>Brain Research</i> , 1992, 589, 154-156.	1.1	122
94	Effects of Cocaine and Pimozide on Plasma and Brain Alpha-Melanocyte-Stimulating Hormone Levels in Rats. <i>Neuroendocrinology</i> , 1992, 55, 9-13.	1.2	12
95	Opposite actions of oxytocin and vasopressin in the development of cocaine-induced behavioral sensitization in mice. <i>Pharmacology Biochemistry and Behavior</i> , 1992, 43, 491-494.	1.3	30
96	Oxytocin blocks the development of heroin-enkephalin cross-tolerance in mice. <i>Pharmacology Biochemistry and Behavior</i> , 1992, 43, 187-192.	1.3	12
97	Effects of cocaine on the contents of neurohypophyseal hormones in the plasma and in different brain structures in rats. <i>Neuropeptides</i> , 1992, 23, 27-31.	0.9	61
98	The inhibition of oxytocin-induced grooming by a specific receptor antagonist. <i>Physiology and Behavior</i> , 1991, 50, 533-536.	1.0	17
99	Selective attenuation of cocaine-induced stereotyped behaviour by oxytocin: Putative role of basal forebrain target sites. <i>Neuropeptides</i> , 1991, 19, 51-56.	0.9	71
100	Oxytocin attenuates the cocaine-induced exploratory hyperactivity in mice. <i>NeuroReport</i> , 1990, 1, 200-202.	0.6	58
101	The role of oxytocin-dopamine interactions in cocaine-induced locomotor hyperactivity. <i>Neuropharmacology</i> , 1990, 29, 365-368.	2.0	121
102	Effect of a selective $\mu$ -opioid agonist, d-pen <sup>2</sup> -d-pen <sup>5</sup> -enkephalin (DPDPE), on grooming and sniffing activity. <i>International Journal of Psychophysiology</i> , 1989, 7, 275-276.	0.5	0
103	Central effects of the potent and highly selective $\mu$ opioid antagonist (CTOP) in mice. <i>European Journal of Pharmacology</i> , 1988, 150, 355-360.	1.7	56
104	Chapter 10 Neurohypophyseal hormones and behavior. <i>Progress in Brain Research</i> , 1987, 72, 109-118.	0.9	13
105	Development of morphine tolerance under tonic control of brain oxytocin. <i>Drug and Alcohol Dependence</i> , 1986, 17, 369-375.	1.6	17
106	Oxytocin and a C-terminal derivative (Z-prolyl-d-leucine) attenuate tolerance to and dependence on morphine and interact with dopaminergic neurotransmission in the mouse brain. <i>Neuropharmacology</i> , 1985, 24, 413-419.	2.0	76