Gary S Wand

List of Publications by Year
in descending order

99 papers	5,807 citations	66315 42 h-index	79644 73 g-index
100 all docs	100 docs citations	100 times ranked	6810 citing authors

#	Article	IF	Citations
1	Sex Differences in Striatal Dopamine Release in Healthy Adults. Biological Psychiatry, 2006, 59, 966-974.	0.7	315
2	Relationships Among Ventral Striatal Dopamine Release, Cortisol Secretion, and Subjective Responses to Amphetamine. Neuropsychopharmacology, 2005, 30, 821-832.	2.8	295
3	Chronic Corticosterone Exposure Increases Expression and Decreases Deoxyribonucleic Acid Methylation of Fkbp5 in Mice. Endocrinology, 2010, 151, 4332-4343.	1.4	248
4	Gender differences in hypothalamicâ€“pituitaryâ€“adrenal (HPA) axis reactivity. Psychoneuroendocrinology, 2006, 31, 642-652.	1.3	238
5	Alterations in the Hypothalamic-Pituitary-Adrenal Axis in Actively Drinking Alcoholics*. Journal of Clinical Endocrinology and Metabolism, 1991, 72, 1290-1295.	1.8	226
6	The Mu-Opioid Receptor Gene Polymorphism (A118G) Alters HPA Axis Activation Induced by Opioid Receptor Blockade. Neuropsychopharmacology, 2002, 26, 106-114.	2.8	226
7	Relationship between Cortisol Responses to Stress and Personality. Neuropsychopharmacology, 2006, 31, 1583-1591.	2.8	215
8	Stress, alcohol and drug interaction: an update of human research. Addiction Biology, 2009, 14, 43-64.	1.4	203
9	Hypothalamicâ€“pituitaryâ€“adrenal axis response to acute psychosocial stress: Effects of biological sex and circulating sex hormones. Psychoneuroendocrinology, 2016, 66, 47-55.	1.3	179
10	Stress and the HPA axis: role of glucocorticoids in alcohol dependence. , 2012, 34, 468-83.		162
11	The Mu-Opioid Receptor Polymorphism A118G Predicts Cortisol Responses to Naloxone and Stress. Neuropsychopharmacology, 2006, 31, 204-211.	2.8	156
12	Association of Amphetamine-Induced Striatal Dopamine Release and Cortisol Responses to Psychological Stress. Neuropsychopharmacology, 2007, 32, 2310-2320.	2.8	145
13	Differences in Î´- and Î¼-Opioid Receptor Blockade Measured by Positron Emission Tomography in Naltrexone-Treated Recently Abstinent Alcohol-Dependent Subjects. Neuropsychopharmacology, 2008, 33, 653-665.	2.8	133
14	Family History of Alcoholism and Hypothalamic Opioidergic Activity. Archives of General Psychiatry, 1998, 55, 1114.	13.8	120
15	Genetic association of FKBP5 and CRHR1 with cortisol response to acute psychosocial stress in healthy adults. Psychopharmacology, 2013, 227, 231-241.	1.5	104
16	Reliability of hypothalamicâ€“pituitaryâ€“adrenal axis assessment methods for use in population-based studies. European Journal of Epidemiology, 2011, 26, 511-525.	2.5	102
17	Alterations in DNA methylation of Fkbp5 as a determinant of bloodâ€“brain correlation of glucocorticoid exposure. Psychoneuroendocrinology, 2014, 44, 112-122.	1.3	101
18	A measure of glucocorticoid load provided by DNA methylation of Fkbp5 in mice. Psychopharmacology, 2011, 218, 303-312.	1.5	100

#	Article	IF	Citations
19	Impulsivity and chronic stress are associated with amphetamine-induced striatal dopamine release. NeuroImage, 2007, 36, 153-166.	2.1	93
20	In Vivo Measurement of Dopamine Receptors in Human Brain by Positron Emission Tomography Age and Sex Differences. Annals of the New York Academy of Sciences, 1988, 515, 203-214.	1.8	91
21	Glucocorticoid-induced loss of DNA methylation in non-neuronal cells and potential involvement of DNMT1 in epigenetic regulation of Fkbp5. Biochemical and Biophysical Research Communications, 2012, 420, 570-575.	1.0	90
22	History of childhood adversity is positively associated with ventral striatal dopamine responses to amphetamine. Psychopharmacology, 2014, 231, 2417-2433.	1.5	89
23	Positron Emission Tomography Imaging of Muâ€and Deltaâ€Opioid Receptor Binding in Alcoholâ€Dependent and Healthy Control Subjects. Alcoholism: Clinical and Experimental Research, 2011, 35, 2162-2173.	1.4	88
24	Mu-opioid receptor binding measured by [11C]carfentanil positron emission tomography is related to craving and mood in alcohol dependence. Biological Psychiatry, 2004, 55, 255-262.	0.7	83
25	Hormonal Responses to Psychological Stress and Family History of Alcoholism. Neuropsychopharmacology, 2006, 31, 2255-2263.	2.8	79
26	Confirmation That Offspring From Families With Alcohol-Dependent Individuals Have Greater Hypothalamic-Pituitary-Adrenal Axis Activation Induced by Naloxone Compared With Offspring Without a Family History of Alcohol Dependence. Alcoholism: Clinical and Experimental Research, 2001, 25, 1134-1139.	1.4	66
27	Adrenocorticotropin Responses Following Administration of Ethanol and Ovine Corticotropin-Releasing Hormone in the Sons of Alcoholics and Control Subjects. Alcoholism: Clinical and Experimental Research, 1994, 18, 826-830.	1.4	63
28	Anxiety, Anxiety Sensitivity, and Perceived Stress as Predictors of Recent Drinking, Alcohol Craving, and Social Stress Response in Heavy Drinkers. Alcoholism: Clinical and Experimental Research, 2017, 41, 836-845.	1.4	63
29	Chronic Ethanol Exposure Impairs Phosphorylation of CREB and CRE-Binding Activity in Rat Striatum. Alcoholism: Clinical and Experimental Research, 1998, 22, 382-390.	1.4	61
30	Naltrexone Dampens Ethanol-Induced Cardiovascular and Hypothalamic- Pituitary-Adrenal Axis Activation. Neuropsychopharmacology, 2001, 25, 537-547.	2.8	60
31	Hormonal Tolerance to Ethanol is Associated with Decreased Expression of the GTP-Binding Protein, Gsalpha, and Adenylyl Cyclase Activity in Ethanol-Treated LS Mice. Alcoholism: Clinical and Experimental Research, 1991, 15, 705-710.	1.4	58
32	Population-specific effects of the Asn40Asp polymorphism at the Î¼-opioid receptor gene (OPRM1) on HPA-axis activation. Pharmacogenetics and Genomics, 2007, 17, 1031-1038.	0.7	56
33	Serum 6-Beta-Naltrexol Levels Are Related to Alcohol Responses in Heavy Drinkers. Alcoholism: Clinical and Experimental Research, 2000, 24, 1385-1391.	1.4	54
34	Acculturation, childhood trauma and the cortisol awakening response in Mexicanâ€“American adults. Hormones and Behavior, 2010, 58, 637-646.	1.0	54
35	The anxious amygdala: CREB signaling and predisposition to anxiety and alcoholism. Journal of Clinical Investigation, 2005, 115, 2697-2699.	3.9	54
36	Chronic Ethanol Administration Decreases Phosphorylation of Cyclic AMP Response Elementâ€Binding Protein in Granule Cells of Rat Cerebellum. Journal of Neurochemistry, 1998, 70, 224-232.	2.1	52

#	Article	IF	Citations
37	A Proposed Role for Chromogranin A as a Glucocorticoid-Responsive Autocrine Inhibitor of Proopiomelanocortin Secretion*. Endocrinology, 1991, 128, 1345-1351.	1.4	50
38	Whites have a more robust hypothalamicâ€“pituitaryâ€“adrenal axis response to a psychological stressor than blacks. Psychoneuroendocrinology, 2008, 33, 246-254.	1.3	50
39	Adrenocortical Responses and Family History of Alcoholism. Alcoholism: Clinical and Experimental Research, 1999, 23, 1185-1190.	1.4	49
40	Diurnal salivary cortisol, glycemia and insulin resistance: The multi-ethnic study of atherosclerosis. Psychoneuroendocrinology, 2015, 62, 327-335.	1.3	48
41	Enhanced Expression of the Inhibitory Protein Gi2alpha and Decreased Activity of Adenylyl Cyclase in Lymphocytes of Abstinent Alcoholics. Alcoholism: Clinical and Experimental Research, 1993, 17, 315-320.	1.4	44
42	Cortisol and Adrenocorticotropic Hormone Responses to Naloxone in Subjects With High and Low Neuroticism. Biological Psychiatry, 2006, 60, 850-855.	0.7	43
43	Aldosterone, Renin, and Diabetes Mellitus in African Americans: The Jackson Heart Study. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 1770-1778.	1.8	43
44	Adrenocorticotropin Responses to Naloxone in Sons of Alcohol-Dependent Men1. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 64-68.	1.8	42
45	Striatal Dopamine Release and Family History of Alcoholism. Alcoholism: Clinical and Experimental Research, 2006, 30, 1143-1151.	1.4	41
46	Hormone Responses to Social Stress in Abstinent Alcohol-Dependent Subjects and Social Drinkers with No History of Alcohol Dependence. Alcoholism: Clinical and Experimental Research, 2005, 29, 1133-1138.	1.4	39
47	Genome-wide Methyl-Seq analysis of blood-brain targets of glucocorticoid exposure. Epigenetics, 2017, 12, 637-652.	1.3	39
48	Relationship between Plasma Adrenocorticotropin, Hypothalamic Opioid Tone, and Plasma Leptin¹. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 2138-2142.	1.8	37
49	Reduced DNA methylation of FKBP5 in Cushingâ€™s syndrome. Endocrine, 2016, 54, 768-777.	1.1	37
50	Relationship between the cortisol awakening response and other features of the diurnal cortisol rhythm: The Multi-Ethnic Study of Atherosclerosis. Psychoneuroendocrinology, 2013, 38, 2720-2728.	1.3	36
51	Mu Opioid Receptor Binding Correlates with Nicotine Dependence and Reward in Smokers. PLoS ONE, 2014, 9, e113694.	1.1	36
52	Endoscopic Versus Microscopic Transsphenoidal Approach for Pituitary Adenomas: Comparison of Outcomes During the Transition of Methods of a Single Surgeon. World Neurosurgery, 2017, 97, 317-325.	0.7	36
53	The association between cortisol and neighborhood disadvantage in a U.S. population-based sample of adolescents. Health and Place, 2014, 25, 68-77.	1.5	33
54	DNA methylation and sex-specific expression of FKBP5 as correlates of one-month bedtime cortisol levels in healthy individuals. Psychoneuroendocrinology, 2018, 97, 164-173.	1.3	30

#	Article	IF	Citations
55	Risky decision-making and ventral striatal dopamine responses to amphetamine: A positron emission tomography [11C]raclopride study in healthy adults. NeuroImage, 2015, 113, 26-36.	2.1	29
56	The Prevalence and Specificity of Depression Diagnosis in a Clinic-Based Population of Adults With Type 2 Diabetes Mellitus. Psychosomatics, 2017, 58, 28-37.	2.5	29
57	Comparison of HPA axis hormonal responses to naloxone vs psychologically-induced stress. Psychoneuroendocrinology, 2004, 29, 371-388.	1.3	28
58	Naloxone-induced cortisol predicts mu opioid receptor binding potential in specific brain regions of healthy subjects. Psychoneuroendocrinology, 2011, 36, 1453-1459.	1.3	28
59	Aldosterone, Renin, Cardiovascular Events, and All-Cause Mortality Among AfricanÂAmericans. JACC: Heart Failure, 2017, 5, 642-651.	1.9	28
60	Association of smoking with Î¼â€opioid receptor availability before and during naltrexone blockade in alcoholâ€dependent subjects. Addiction Biology, 2014, 19, 733-742.	1.4	27
61	Association of HPA axis hormones with copeptin after psychological stress differs by sex. Psychoneuroendocrinology, 2016, 63, 254-261.	1.3	24
62	Type 2 diabetes and cardiometabolic risk may be associated with increase in DNA methylation of FKBP5. Clinical Epigenetics, 2018, 10, 82.	1.8	23
63	The longitudinal association of changes in diurnal cortisol features with fasting glucose: MESA. Psychoneuroendocrinology, 2020, 119, 104698.	1.3	20
64	The influence of stress on the transition from drug use to addiction. Alcohol Research, 2008, 31, 119-36.	1.0	19
65	Dissociative Changes in the B_{max} and K_D of Dopamine D₂/D₃ Receptors with Aging Observed in Functional Subdivisions of the Striatum: A Revisit with an Improved Data Analysis Method. Journal of Nuclear Medicine, 2012, 53, 805-812.	2.8	17
66	A paradigm for examining stress effects on alcoholâ€motivated behaviors in participants with alcohol use disorder. Addiction Biology, 2018, 23, 836-845.	1.4	17
67	Association of Serum Aldosterone and Plasma Renin Activity With Ambulatory Blood Pressure in African Americans: The Jackson Heart Study. Circulation, 2021, 143, 2355-2366.	1.6	17
68	Family history of alcoholism is related to increased D₂/D₃ receptor binding potential: a marker of resilience or risk?. Addiction Biology, 2017, 22, 218-228.	1.4	15
69	Lack of significant association between type 2 diabetes mellitus with longitudinal change in diurnal salivary cortisol: the multiethnic study of atherosclerosis. Endocrine, 2016, 53, 227-239.	1.1	14
70	The relationship between naloxoneâ€induced cortisol and delta opioid receptor availability in mesolimbic structures is disrupted in alcoholâ€dependent subjects. Addiction Biology, 2013, 18, 181-192.	1.4	13
71	Effects of Restraint Stress on Components of Adenylyl Cyclase Signal Transduction in the Rat Hippocampus. Neuropsychopharmacology, 1994, 11, 187-193.	2.8	12
72	Naloxoneâ€“Induced Activation of the Hypothalamicâ€“Pituitaryâ€“Adrenal Axis in Suspected Central Adrenal Insufficiency. American Journal of the Medical Sciences, 1994, 308, 167-170.	0.4	11

#	Article	IF	Citations
73	Hormone Responses to Citalopram in Abstinent Alcohol Dependent Subjects. Alcoholism: Clinical and Experimental Research, 2002, 26, 1625-1631.	1.4	11
74	The relationship between naloxone-induced cortisol and mu opioid receptor availability in mesolimbic structures is disrupted in alcohol dependent subjects. Alcohol, 2012, 46, 511-517.	0.8	11
75	Differential effects of perceived stress on alcohol consumption in moderate versus heavy drinking HIV-infected women. Drug and Alcohol Dependence, 2017, 178, 380-385.	1.6	11
76	Early Life Stress as a Predictor of Co-Occurring Alcohol Use Disorder and Post-Traumatic Stress Disorder. Alcohol Research: Current Reviews, 2018, 39, 147-159.	1.9	10
77	Outpatient treatment entry and health care utilization after a combined medical/substance abuse intervention for hospitalized medical patients. Journal of General Internal Medicine, 2002, 17, 334-340.	1.3	9
78	Independent and Interactive Effects of OPRM1 and DAT1 Polymorphisms on Alcohol Consumption and Subjective Responses in Social Drinkers. Alcoholism: Clinical and Experimental Research, 2017, 41, 1093-1104.	1.4	9
79	Alterations in Hypothalamo-Hypophyseal Function by Ethanol. Neuroendocrine Perspectives, 1991, , 45-126.	0.6	9
80	The Relationship of Varenicline Agonism of Î±4Î²2 Nicotinic Acetylcholine Receptors and Nicotine-Induced Dopamine Release in Nicotine-Dependent Humans. Nicotine and Tobacco Research, 2020, 22, 892-899.	1.4	8
81	The Potential Role of Glucocorticoids and the HPA Axis in Alcohol Dependence. , 2014, , 429-450.		7
82	Detecting Deception in Our Research Participants: Are Your Participants Who You Think They Are?. Alcoholism: Clinical and Experimental Research, 2018, 42, 230-237.	1.4	7
83	Serotonin transporter-linked polymorphic region (5-HTTLPR) genotype is associated with cortisol responsivity to naloxone challenge. Psychopharmacology, 2012, 224, 223-230.	1.5	6
84	Sex differences in the ACTH and cortisol response to pharmacological probes are stressor-specific and occur regardless of alcohol dependence history. Psychoneuroendocrinology, 2018, 94, 72-82.	1.3	6
85	Cross-species Association Between Telomere Length and Glucocorticoid Exposure. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e5124-e5135.	1.8	6
86	Ethanol Uses cAMP-Independent Signal Transduction Mechanisms to Activate Proenkephalin Promoter Activity in Rat C6 Glioma Cells. Alcoholism: Clinical and Experimental Research, 2000, 24, 952-957.	1.4	4
87	Changes in Hemodynamic Response Function Resulting From Chronic Alcohol Consumption. Alcoholism: Clinical and Experimental Research, 2020, 44, 1099-1111.	1.4	4
88	A Rat Methyl-Seq Platform to Identify Epigenetic Changes Associated with Stress Exposure. Journal of Visualized Experiments, 2018, , .	0.2	3
89	Endogenous Opiates, Addiction, and the Stress Response. , 2007, , 85-104.		2
90	Adrenocortical Responses and Family History of Alcoholism. Alcoholism: Clinical and Experimental Research, 1999, 23, 1185.	1.4	2

#	Article	IF	Citations
91	No allelic association of an exon 13 polymorphism of the GsÎ± gene to alcohol and/or drug dependence. Addiction Biology, 1997, 2, 309-316.	1.4	1
92	CRH receptor antagonists: advances and prospective. Expert Opinion on Therapeutic Patents, 2000, 10, 67-74.	2.4	1
93	Ethanol Uses cAMP-Independent Signal Transduction Mechanisms to Activate Proenkephalin Promoter Activity in Rat C6 Glioma Cells. Alcoholism: Clinical and Experimental Research, 2000, 24, 952-957.	1.4	1
94	Serum 6-Beta-Naltrexol Levels Are Related to Alcohol Responses in Heavy Drinkers. Alcoholism: Clinical and Experimental Research, 2000, 24, 1385-1391.	1.4	1
95	Hypothalamic/pituitary function and dysfunction. , 2002, , 853-870.		0
96	The Authors Reply. American Journal of Epidemiology, 2016, 183, 1172-1173.	1.6	0
97	Comments and controversies: Piecing together the neurobiology of decision-making. NeuroImage, 2016, 125, 1096-1098.	2.1	0
98	P4â€569: APOE GENETIC VARIANTS ARE ASSOCIATED WITH STRESS HORMONE LEVELS IN YOUNG ADULTHOOD. Alzheimer's and Dementia, 2019, 15, P1537.	0.4	0
99	Methylomic and transcriptomic predictors of one-month exposure to cortisol in healthy individuals. Stress, 2021, 24, 840-848.	0.8	0