

Charles W Wilkinson

List of Publications by Year in descending order

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108
papers

8,122
citations

66343

42
h-index

48315

88
g-index

115
all docs

115
docs citations

115
times ranked

9509
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Aerobic Exercise on Mild Cognitive Impairment. Archives of Neurology, 2010, 67, 71-9.	4.5	915
2	Intranasal insulin improves cognition and modulates β -amyloid in early AD. Neurology, 2008, 70, 440-448.	1.1	717
3	Decreased Adrenocorticotropic Hormone and Cortisol Responses to Stress in Healthy Adults Reporting Significant Childhood Maltreatment. Biological Psychiatry, 2007, 62, 1080-1087.	1.3	458
4	Enhancement of Memory in Alzheimer Disease With Insulin and Somatostatin, but Not Glucose. Archives of General Psychiatry, 1999, 56, 1135.	12.3	287
5	The modulatory effects of corticosteroids on cognition: studies in young human populations. Psychoneuroendocrinology, 2002, 27, 401-416.	2.7	283
6	Stress hormone levels of children of depressed mothers. Development and Psychopathology, 2002, 14, 333-349.	2.3	236
7	Gender differences in age-related changes in HPA axis reactivity. Psychoneuroendocrinology, 2001, 26, 225-240.	2.7	233
8	Childhood Parental Loss and Adult Hypothalamic-Pituitary-Adrenal Function. Biological Psychiatry, 2008, 63, 1147-1154.	1.3	221
9	Aerobic Exercise Improves Cognition for Older Adults with Glucose Intolerance, A Risk Factor for Alzheimer's Disease. Journal of Alzheimer's Disease, 2010, 22, 569-579.	2.6	215
10	Diesel Exhaust Inhalation Elicits Acute Vasoconstriction <i>in Vivo</i> . Environmental Health Perspectives, 2008, 116, 937-942.	6.0	193
11	Sex and ApoE Genotype Differences in Treatment Response to Two Doses of Intranasal Insulin in Adults with Mild Cognitive Impairment or Alzheimer's Disease. Journal of Alzheimer's Disease, 2013, 35, 789-797.	2.6	186
12	Chronic Daily Ethanol and Withdrawal: 1. Long-Term Changes in the Hypothalamo-Pituitary-Adrenal Axis. Alcoholism: Clinical and Experimental Research, 2000, 24, 1836-1849.	2.4	174
13	Decreased Hypothalamic-Pituitary Adrenal Axis Sensitivity to Cortisol Feedback Inhibition in Human Aging. Neuroendocrinology, 1997, 65, 79-90.	2.5	163
14	Hypothalamic Melanin-Concentrating Hormone and Estrogen-Induced Weight Loss. Journal of Neuroscience, 2000, 20, 8637-8642.	3.6	160
15	Increased CSF cortisol in AD is a function of <i>APOE</i> genotype. Neurology, 2001, 56, 1094-1098.	1.1	154
16	Effect of Chronic High-Dose Exogenous Cortisol on Hippocampal Neuronal Number in Aged Nonhuman Primates. Journal of Neuroscience, 1999, 19, 2356-2361.	3.6	149
17	Glucocorticoid feedback sensitivity and adrenocortical responsiveness in posttraumatic stress disorder. Biological Psychiatry, 2001, 50, 238-245.	1.3	139
18	Daily Rhythms in Adrenal Responsiveness to Adrenocorticotropic Are Determined Primarily by the Time of Feeding in the Rat*. Endocrinology, 1979, 104, 350-359.	2.8	126

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19	High Prevalence of Chronic Pituitary and Target-Organ Hormone Abnormalities after Blast-Related Mild Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2012, 3, 11.	2.4	126
20	Diet Intervention and Cerebrospinal Fluid Biomarkers in Amnesic Mild Cognitive Impairment. <i>Archives of Neurology</i> , 2011, 68, 743-52.	4.5	122
21	Salivary cortisol and memory function in human aging. <i>Neurobiology of Aging</i> , 2006, 27, 1705-1714.	3.1	113
22	Low plasma leptin levels contribute to diabetic hyperphagia in rats. <i>Diabetes</i> , 1999, 48, 1275-1280.	0.6	104
23	Sympathetic nervous system activity in panic disorder. <i>Psychiatry Research</i> , 1987, 21, 313-321.	3.3	93
24	Acute Alcohol Effects on Opiomelanocortineric Regulation. <i>Alcoholism: Clinical and Experimental Research</i> , 1998, 22, 789-801.	2.4	92
25	Human Glucocorticoid Feedback Inhibition Is Reduced in Older Individuals: Evening Study1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 545-550.	3.6	86
26	Effects of Chronic Glucocorticoid Administration on Insulin-Degrading Enzyme and Amyloid-Beta Peptide in the Aged Macaque. <i>Journal of Neuro pathology and Experimental Neurology</i> , 2005, 64, 139-146.	1.7	85
27	Effect of Apolipoprotein E Genotype and Diet on Apolipoprotein E Lipidation and Amyloid Peptides. <i>JAMA Neurology</i> , 2013, 70, 972.	9.0	85
28	Acute Modulation of Aged Human Memory by Pharmacological Manipulation of Glucocorticoids. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 3798-3807.	3.6	75
29	Human Glucocorticoid Feedback Inhibition Is Reduced in Older Individuals: Evening Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 545-550.	3.6	73
30	Hypothalamic pituitary adrenocortical and sympathetic nervous system responses to the cold pressor test in Alzheimer's disease. <i>Biological Psychiatry</i> , 2000, 48, 247-254.	1.3	67
31	Usefulness of Relative Lymphocyte Count as an Independent Predictor of Death/Urgent Transplant in Heart Failure. <i>American Journal of Cardiology</i> , 2005, 95, 1492-1495.	1.6	65
32	A comprehensive analysis of the effect of DSP4 on the locus coeruleus noradrenergic system in the rat. <i>Neuroscience</i> , 2010, 166, 279-291.	2.3	65
33	Chronic Daily Ethanol and Withdrawal: 3. Forebrain Pro-Opiomelanocortin Gene Expression and Implications for Dependence, Relapse, and Deprivation Effect. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 535-546.	2.4	63
34	Behavioral and neuroendocrine responses to sodium lactate infusion in subjects with posttraumatic stress disorder. <i>American Journal of Psychiatry</i> , 1997, 154, 266-268.	7.2	61
35	Cortisol and ACTH responses to the Dex/CRH Test: Influence of temperament. <i>Hormones and Behavior</i> , 2008, 53, 518-525.	2.1	60
36	Evidence that serotonergic neurons in the dorsal raphe nucleus exert a stimulatory effect on the secretion of renin but not of corticosterone. <i>Brain Research</i> , 1982, 235, 233-243.	2.2	57

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37	Roles of acetylation and other post-translational modifications in melanocortin function and interactions with endorphins. <i>Peptides</i> , 2006, 27, 453-471.	2.4	57
38	Sodium lactate and hypertonic sodium chloride induce equivalent panic incidence, panic symptoms, and hypernatremia in panic disorder. <i>Biological Psychiatry</i> , 1998, 44, 1007-1016.	1.3	55
39	Temperament and response to the Trier Social Stress Test. <i>Acta Psychiatrica Scandinavica</i> , 2007, 115, 395-402.	4.5	55
40	PVN activation is suppressed by repeated hypoglycemia but not antecedent corticosterone in the rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 281, R1426-R1436.	1.8	54
41	Adrenalectomy Increases Sensitivity to Central Insulin. <i>Physiology and Behavior</i> , 1997, 62, 631-634.	2.1	50
42	Depressive-like behavior observed with a minimal loss of locus coeruleus (LC) neurons following administration of 6-hydroxydopamine is associated with electrophysiological changes and reversed with precursors of norepinephrine. <i>Neuropharmacology</i> , 2016, 101, 76-86.	4.1	46
43	Physiological regulation of hypothalamic IL-1 β gene expression by leptin and glucocorticoids: implications for energy homeostasis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 287, E1107-E1113.	3.5	44
44	In Patients With Heart Failure Elevated Soluble TNF-Receptor 1 Is Associated With Higher Risk of Depression. <i>Journal of Cardiac Failure</i> , 2007, 13, 738-743.	1.7	43
45	Circadian Forced Desynchrony of the Master Clock Leads to Phenotypic Manifestation of Depression in Rats. <i>ENeuro</i> , 2016, 3, ENEURO.0237-16.2016.	1.9	43
46	Differential Effects of Aging on Neuroendocrine Responses to Physostigmine in Normal Men*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1990, 70, 1420-1425.	3.6	42
47	Hypothalamic-Pituitary-Adrenal Axis Regulation and Human Aging. <i>Annals of the New York Academy of Sciences</i> , 1994, 746, 327-335.	3.8	39
48	Urinary free cortisol and sleep under baseline and stressed conditions in healthy senior women: effects of estrogen replacement therapy. <i>Journal of Sleep Research</i> , 2001, 10, 19-26.	3.2	38
49	Feeding and neuroendocrine responses after recurrent insulin-induced hypoglycemia. <i>Physiology and Behavior</i> , 2006, 87, 700-706.	2.1	38
50	Cerebrospinal fluid biomarkers for Alzheimer's and vascular disease vary by age, gender, and APOE genotype in cognitively normal adults. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 48.	6.2	38
51	Hypothalamic-pituitary-adrenocortical axis responses to physostigmine: Effects of alzheimer's disease and gender. <i>Biological Psychiatry</i> , 1996, 40, 61-68.	1.3	36
52	Chronic daily ethanol and withdrawal: 6. Effects on rat sympathoadrenal activity during α -abstinence. <i>Alcohol</i> , 2006, 38, 173-177.	1.7	35
53	Glucocorticoid regulation of vasopressin V1a receptors in rat forebrain. <i>Molecular Brain Research</i> , 1996, 38, 276-284.	2.3	34
54	Chronic daily ethanol and withdrawal: 3. Forebrain pro-opiomelanocortin gene expression and implications for dependence, relapse, and deprivation effect. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 535-46.	2.4	34

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55	Rapid Decreases in Adrenal and Plasma Corticosterone Concentrations after Drinking Are Not Mediated by Changes in Plasma Adrenocorticotropin Concentration*. <i>Endocrinology</i> , 1982, 110, 1599-1606.	2.8	32
56	The Effects of Aging on Molecular Forms of Beta- and Gamma-Endorphins in Rat Hypothalamus. <i>Neuroendocrinology</i> , 1986, 43, 124-131.	2.5	32
57	NPY-induced overfeeding suppresses hypothalamic NPY mRNA expression: potential roles of plasma insulin and leptin. <i>Regulatory Peptides</i> , 1998, 75-76, 425-431.	1.9	32
58	The selective serotonin reuptake inhibitor sertraline enhances counterregulatory responses to hypoglycemia. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 294, E853-E860.	3.5	32
59	Chronic Hypopituitarism Associated with Increased Postconcussive Symptoms Is Prevalent after Blast-Induced Mild Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2018, 9, 72.	2.4	32
60	Peripheral sympathectomy and adrenal medullectomy do not alter cerebrospinal fluid norepinephrine. <i>Brain Research</i> , 1986, 367, 258-264.	2.2	28
61	Inactivation of the PVN during hypoglycemia partially simulates hypoglycemia-associated autonomic failure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003, 284, R57-R65.	1.8	28
62	Blast-related disinhibition and risk seeking in mice and combat Veterans: Potential role for dysfunctional phasic dopamine release. <i>Neurobiology of Disease</i> , 2017, 106, 23-34.	4.4	26
63	Cerebrospinal fluid norepinephrine and cognition in subjects across the adult age span. <i>Neurobiology of Aging</i> , 2013, 34, 2287-2292.	3.1	25
64	Haloperidol increases plasma beta endorphin-like immunoreactivity and cortisol in normal human males. <i>Life Sciences</i> , 1986, 39, 373-381.	4.3	24
65	Influence of ethanol dependence on regional brain content of β^2 -endorphin in the mouse. <i>Brain Research</i> , 1986, 378, 107-114.	2.2	24
66	Sequential Loss of LC Noradrenergic and Dopaminergic Neurons Results in a Correlation of Dopaminergic Neuronal Number to Striatal Dopamine Concentration. <i>Frontiers in Pharmacology</i> , 2012, 3, 184.	3.5	24
67	Stimulus-Induced Corticotropin-Releasing Factor Content and Adrenocorticotropin Release Are Augmented after Unilateral Adrenalectomy, Independently of Circulating Corticosteroid Levels*. <i>Endocrinology</i> , 1980, 106, 1410-1415.	2.8	23
68	Estrogenic effects on behavioral thermoregulation and body temperature of rats. <i>Physiology and Behavior</i> , 1980, 24, 337-340.	2.1	23
69	Associations between CSF cortisol and CSF norepinephrine in cognitively normal controls and patients with amnesic MCI and AD dementia. <i>International Journal of Geriatric Psychiatry</i> , 2018, 33, 763-768.	2.7	22
70	The effects of normal aging on cortisol and adrenocorticotropin responses to hypertonic saline infusion. <i>Psychoneuroendocrinology</i> , 1995, 20, 637-644.	2.7	21
71	Effects of Alzheimer's disease and gender on the hypothalamic-pituitary-adrenal axis response to lumbar puncture stress. <i>Psychoneuroendocrinology</i> , 1999, 24, 385-395.	2.7	21
72	Inactivation of the DMH selectively inhibits the ACTH and corticosterone responses to hypoglycemia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004, 286, R123-R128.	1.8	21

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73	Chronic cortisol exposure promotes the development of a GABAergic phenotype in the primate hippocampus. <i>Journal of Neurochemistry</i> , 2004, 91, 843-851.	3.9	20
74	Metabolic, gastrointestinal, and CNS neuropeptide effects of brain leptin administration in the rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 276, R1425-R1433.	1.8	19
75	Plasma lipid concentrations during episodic occupational stress. <i>Annals of Behavioral Medicine</i> , 1999, 21, 103-110.	2.9	19
76	Antecedent Hindbrain Glucoprivation Does Not Impair the Counterregulatory Response to Hypoglycemia. <i>Diabetes</i> , 2007, 56, 217-223.	0.6	18
77	Cognitive response to estradiol in postmenopausal women is modified by high cortisol. <i>Neurobiology of Aging</i> , 2012, 33, 829.e9-829.e20.	3.1	17
78	Lesioning noradrenergic neurons of the locus coeruleus in C57Bl/6 mice with unilateral 6-hydroxydopamine injection, to assess molecular, electrophysiological and biochemical changes in noradrenergic signaling. <i>Neuroscience</i> , 2012, 216, 143-157.	2.3	17
79	Evidence for glucocorticoid regulation of the rat vasopressin V1a receptor gene. <i>Peptides</i> , 1996, 17, 67-73.	2.4	16
80	Recurrent hypoglycemia alters hypothalamic expression of the regulatory proteins FosB and synaptophysin. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R1446-R1454.	1.8	16
81	Diurnal variation of heat intake in ovariectomized, steroid-treated rats. <i>Hormones and Behavior</i> , 1979, 12, 232-242.	2.1	15
82	Hypertonic saline infusion increases plasma norepinephrine concentrations in normal men. <i>Psychoneuroendocrinology</i> , 1993, 18, 103-113.	2.7	15
83	Reduced Anorexigenic Efficacy of Leptin, But Not of the Melanocortin Receptor Agonist Melanotan-II, Predicts Diet-Induced Obesity in Rats. <i>Endocrinology</i> , 2005, 146, 5247-5256.	2.8	15
84	Comparative evaluation of a new immunoradiometric assay for corticotropin. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006, 44, 669-71.	2.3	15
85	Learned tolerance to the corticosterone-increasing action of ethanol in rats. <i>Pharmacology Biochemistry and Behavior</i> , 1996, 55, 269-273.	2.9	14
86	Variations in plasma lipid concentration during examination stress. <i>International Journal of Behavioral Medicine</i> , 1996, 3, 251-265.	1.7	13
87	Effects of Repetitive Hypoglycemia on Neuroendocrine Response and Brain Tyrosine Hydroxylase Activity in the Rat. <i>Stress</i> , 2002, 5, 217-226.	1.8	13
88	ABCB1 Genotype and CSF β -Amyloid in Alzheimer Disease. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2011, 24, 63-66.	2.3	13
89	Compensatory Adrenal Growth in Immature and Mature Male Rats. <i>Neuroendocrinology</i> , 1980, 31, 34-38.	2.5	12
90	Adrenocortical responsiveness to infusions of physiological doses of ACTH is not altered in posttraumatic stress disorder. <i>Frontiers in Behavioral Neuroscience</i> , 2009, 3, 40.	2.0	12

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91	DOPA Decarboxylase Modulates Tau Toxicity. <i>Biological Psychiatry</i> , 2018, 83, 438-446.	1.3	12
92	Neurohypophyseal and Pituitary-Adrenocortical Responses to the Alpha₁ Agonist Methoxamine in Humans. <i>Neuroendocrinology</i> , 1992, 55, 361-366.	2.5	10
93	Behavioral and Plasma Cortisol Responses to Sodium Lactate Infusion in Posttraumatic Stress Disorder. <i>Annals of the New York Academy of Sciences</i> , 1997, 821, 444-448.	3.8	9
94	Aging and Alzheimer's Disease. , 2009, , 3049-3083.		9
95	Chronic Daily Ethanol and Withdrawal: 1. Long-Term Changes in the Hypothalamo-Pituitary-Adrenal Axis. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 1836-1849.	2.4	8
96	Circadian Clocks: Showtime for the Adrenal Cortex. <i>Endocrinology</i> , 2008, 149, 1451-1453.	2.8	7
97	Physostigmine challenge before and after chronic cholinergic blockade in elderly volunteers. <i>Biological Psychiatry</i> , 1999, 46, 189-195.	1.3	6
98	A placebo-controlled study of sertraline's effect on cortisol response to the dexamethasone/corticotropin-releasing hormone test in healthy adults. <i>Psychopharmacology</i> , 2011, 218, 371-379.	3.1	6
99	Chronic cortisol suppresses pituitary and hypothalamic peptide message expression in pigtailed macaques. <i>Neuroscience</i> , 2004, 126, 241-246.	2.3	5
100	Acute THPVP inactivation decreases the glucagon and sympathoadrenal responses to recurrent hypoglycemia. <i>Brain Research</i> , 2008, 1194, 65-72.	2.2	4
101	Protein Changes during Aging and the Effects of Long-Term Cortisol Treatment in Macaque Monkey Lens. <i>Optometry and Vision Science</i> , 1997, 74, 190-197.	1.2	3
102	Salivary cortisol responses to household tasks among couples with unexplained chronic fatigue.. <i>Journal of Family Psychology</i> , 2015, 29, 296-301.	1.3	2
103	Aging and Alzheimer's Disease. , 2002, , 637-664.		2
104	Arterial epinephrine levels in panic disorder: In reply. <i>Psychiatry Research</i> , 1988, 25, 113-114.	3.3	1
105	Adrenocortical Responsiveness to Adrenocorticotropin: StAR Is Ascendant. <i>Endocrinology</i> , 2009, 150, 2509-2511.	2.8	1
106	P2-090: CSF F2-ISOPROSTANES, NOREPINEPHRINE, AND COGNITIVE FUNCTION IN COGNITIVELY NORMAL ADULTS. , 2014, 10, P504-P504.		0
107	Commentary on A Neuroendocrine Approach to Patients With Traumatic Brain Injury. <i>Endocrine Practice</i> , 2015, 21, 851-853.	2.1	0
108	Prevalence of chronic hypopituitarism after blast concussion. <i>FASEB Journal</i> , 2013, 27, 935.3.	0.5	0