

# 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	Associations between <scp>CSF</scp> cortisol and <scp>CSF</scp> norepinephrine in cognitively normal controls and patients with amnesic <scp>MCI</scp> and <scp>AD</scp> dementia. International Journal of Geriatric Psychiatry, 2018, 33, 763-768.	2.7	22
2	DOPA Decarboxylase Modulates Tau Toxicity. Biological Psychiatry, 2018, 83, 438-446.	1.3	12
3	Chronic Hypopituitarism Associated with Increased Postconcussive Symptoms Is Prevalent after Blast-Induced Mild Traumatic Brain Injury. Frontiers in Neurology, 2018, 9, 72.	2.4	32
4	Blast-related disinhibition and risk seeking in mice and combat Veterans: Potential role for dysfunctional phasic dopamine release. Neurobiology of Disease, 2017, 106, 23-34.	4.4	26
5	Cerebrospinal fluid biomarkers for Alzheimer's and vascular disease vary by age, gender, and APOE genotype in cognitively normal adults. Alzheimer's Research and Therapy, 2017, 9, 48.	6.2	38
6	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. Neuropharmacology, 2016, 101, 76-86.	4.1	46
7	Circadian Forced Desynchrony of the Master Clock Leads to Phenotypic Manifestation of Depression in Rats. ENeuro, 2016, 3, ENEURO.0237-16.2016.	1.9	43
8	Commentary on A Neuroendocrine Approach to Patients With Traumatic Brain Injury. Endocrine Practice, 2015, 21, 851-853.	2.1	0
9	Salivary cortisol responses to household tasks among couples with unexplained chronic fatigue.. Journal of Family Psychology, 2015, 29, 296-301.	1.3	2
10	P2-090: CSF F2-ISOPROSTANES, NOREPINEPHRINE, AND COGNITIVE FUNCTION IN COGNITIVELY NORMAL ADULTS. , 2014, 10, P504-P504.		0
11	Effect of Apolipoprotein E Genotype and Diet on Apolipoprotein E Lipidation and Amyloid Peptides. JAMA Neurology, 2013, 70, 972.	9.0	85
12	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
13	Cerebrospinal fluid norepinephrine and cognition in subjects across the adult age span. Neurobiology of Aging, 2013, 34, 2287-2292.	3.1	25
14	Prevalence of chronic hypopituitarism after blast concussion. FASEB Journal, 2013, 27, 935.3.	0.5	0
15	Cognitive response to estradiol in postmenopausal women is modified by high cortisol. Neurobiology of Aging, 2012, 33, 829.e9-829.e20.	3.1	17
16	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. Neuroscience, 2012, 216, 143-157.	2.3	17
17	Sequential Loss of LC Noradrenergic and Dopaminergic Neurons Results in a Correlation of Dopaminergic Neuronal Number to Striatal Dopamine Concentration. Frontiers in Pharmacology, 2012, 3, 184.	3.5	24
18	High Prevalence of Chronic Pituitary and Target-Organ Hormone Abnormalities after Blast-Related Mild Traumatic Brain Injury. Frontiers in Neurology, 2012, 3, 11.	2.4	126

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19	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
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	ABCB1 Genotype and CSF $\beta$ -Amyloid in Alzheimer Disease. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2011, 24, 63-66.	2.3	13
22	Aerobic Exercise Improves Cognition for Older Adults with Glucose Intolerance, A Risk Factor for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2010, 22, 569-579.	2.6	215
23	Effects of Aerobic Exercise on Mild Cognitive Impairment. <i>Archives of Neurology</i> , 2010, 67, 71-9.	4.5	915
24	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
25	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
26	Adrenocortical Responsiveness to Adrenocorticotropin: StAR Is Ascendant. <i>Endocrinology</i> , 2009, 150, 2509-2511.	2.8	1
27	Ageing and Alzheimer's Disease. , 2009, , 3049-3083.		9
28	Acute THPVP inactivation decreases the glucagon and sympathoadrenal responses to recurrent hypoglycemia. <i>Brain Research</i> , 2008, 1194, 65-72.	2.2	4
29	Childhood Parental Loss and Adult Hypothalamic-Pituitary-Adrenal Function. <i>Biological Psychiatry</i> , 2008, 63, 1147-1154.	1.3	221
30	Cortisol and ACTH responses to the Dex/CRH Test: Influence of temperament. <i>Hormones and Behavior</i> , 2008, 53, 518-525.	2.1	60
31	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
32	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
33	Intranasal insulin improves cognition and modulates $\beta$ -amyloid in early AD. <i>Neurology</i> , 2008, 70, 440-448.	1.1	717
34	Circadian Clocks: Showtime for the Adrenal Cortex. <i>Endocrinology</i> , 2008, 149, 1451-1453.	2.8	7
35	Diesel Exhaust Inhalation Elicits Acute Vasoconstriction <i>in Vivo</i> . <i>Environmental Health Perspectives</i> , 2008, 116, 937-942.	6.0	193
36	Antecedent Hindbrain Glucoprivation Does Not Impair the Counterregulatory Response to Hypoglycemia. <i>Diabetes</i> , 2007, 56, 217-223.	0.6	18

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37	Decreased Adrenocorticotrophic Hormone and Cortisol Responses to Stress in Healthy Adults Reporting Significant Childhood Maltreatment. <i>Biological Psychiatry</i> , 2007, 62, 1080-1087.	1.3	458
38	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
39	Temperament and response to the Trier Social Stress Test. <i>Acta Psychiatrica Scandinavica</i> , 2007, 115, 395-402.	4.5	55
40	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
41	Feeding and neuroendocrine responses after recurrent insulin-induced hypoglycemia. <i>Physiology and Behavior</i> , 2006, 87, 700-706.	2.1	38
42	Salivary cortisol and memory function in human aging. <i>Neurobiology of Aging</i> , 2006, 27, 1705-1714.	3.1	113
43	Chronic daily ethanol and withdrawal: 6. Effects on rat sympathoadrenal activity during "abstinence". <i>Alcohol</i> , 2006, 38, 173-177.	1.7	35
44	Comparative evaluation of a new immunoradiometric assay for corticotropin. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006, 44, 669-71.	2.3	15
45	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
46	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
47	Effects of Chronic Glucocorticoid Administration on Insulin-Degrading Enzyme and Amyloid-Beta Peptide in the Aged Macaque. <i>Journal of Neuropathology and Experimental Neurology</i> , 2005, 64, 139-146.	1.7	85
48	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
49	Physiological regulation of hypothalamic IL-1 $\beta$ 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
50	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
51	Chronic cortisol suppresses pituitary and hypothalamic peptide message expression in pigtailed macaques. <i>Neuroscience</i> , 2004, 126, 241-246.	2.3	5
52	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
53	Stress hormone levels of children of depressed mothers. <i>Development and Psychopathology</i> , 2002, 14, 333-349.	2.3	236
54	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

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55	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
56	The modulatory effects of corticosteroids on cognition: studies in young human populations. <i>Psychoneuroendocrinology</i> , 2002, 27, 401-416.	2.7	283
57	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
58	Aging and Alzheimer's Disease. , 2002, , 637-664.		2
59	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
60	Glucocorticoid feedback sensitivity and adrenocortical responsiveness in posttraumatic stress disorder. <i>Biological Psychiatry</i> , 2001, 50, 238-245.	1.3	139
61	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
62	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
63	Gender differences in age-related changes in HPA axis reactivity. <i>Psychoneuroendocrinology</i> , 2001, 26, 225-240.	2.7	233
64	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
65	Increased CSF cortisol in AD is a function of <i>APOE</i> genotype. <i>Neurology</i> , 2001, 56, 1094-1098.	1.1	154
66	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
67	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	174
68	Hypothalamic Melanin-Concentrating Hormone and Estrogen-Induced Weight Loss. <i>Journal of Neuroscience</i> , 2000, 20, 8637-8642.	3.6	160
69	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
70	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
71	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
72	Effect of Chronic High-Dose Exogenous Cortisol on Hippocampal Neuronal Number in Aged Nonhuman Primates. <i>Journal of Neuroscience</i> , 1999, 19, 2356-2361.	3.6	149

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73	Enhancement of Memory in Alzheimer Disease With Insulin and Somatostatin, but Not Glucose. <i>Archives of General Psychiatry</i> , 1999, 56, 1135.	12.3	287
74	Low plasma leptin levels contribute to diabetic hyperphagia in rats. <i>Diabetes</i> , 1999, 48, 1275-1280.	0.6	104
75	Plasma lipid concentrations during episodic occupational stress. <i>Annals of Behavioral Medicine</i> , 1999, 21, 103-110.	2.9	19
76	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
77	Physostigmine challenge before and after chronic cholinergic blockade in elderly volunteers. <i>Biological Psychiatry</i> , 1999, 46, 189-195.	1.3	6
78	Acute Alcohol Effects on Opiomelanocortineric Regulation. <i>Alcoholism: Clinical and Experimental Research</i> , 1998, 22, 789-801.	2.4	92
79	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
80	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
81	Decreased Hypothalamic-Pituitary Adrenal Axis Sensitivity to Cortisol Feedback Inhibition in Human Aging. <i>Neuroendocrinology</i> , 1997, 65, 79-90.	2.5	163
82	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
83	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
84	Adrenalectomy Increases Sensitivity to Central Insulin. <i>Physiology and Behavior</i> , 1997, 62, 631-634.	2.1	50
85	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
86	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
87	Glucocorticoid regulation of vasopressin V1a receptors in rat forebrain. <i>Molecular Brain Research</i> , 1996, 38, 276-284.	2.3	34
88	Evidence for glucocorticoid regulation of the rat vasopressin V1a receptor gene. <i>Peptides</i> , 1996, 17, 67-73.	2.4	16
89	Variations in plasma lipid concentration during examination stress. <i>International Journal of Behavioral Medicine</i> , 1996, 3, 251-265.	1.7	13
90	Learned tolerance to the corticosterone-increasing action of ethanol in rats. <i>Pharmacology Biochemistry and Behavior</i> , 1996, 55, 269-273.	2.9	14

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91	The effects of normal aging on cortisol and adrenocorticotropin responses to hypertonic saline infusion. <i>Psychoneuroendocrinology</i> , 1995, 20, 637-644.	2.7	21
92	Hypothalamicâ€Pituitaryâ€Adrenal Axis Regulation and Human Aging. <i>Annals of the New York Academy of Sciences</i> , 1994, 746, 327-335.	3.8	39
93	Hypertonic saline infusion increases plasma norepinephrine concentrations in normal men. <i>Psychoneuroendocrinology</i> , 1993, 18, 103-113.	2.7	15
94	Neurohypophyseal and Pituitary-Adrenocortical Responses to the Alpha&lt;sub&gt;1&lt;/sub&gt; Agonist Methoxamine in Humans. <i>Neuroendocrinology</i> , 1992, 55, 361-366.	2.5	10
95	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
96	Arterial epinephrine levels in panic disorder: In reply. <i>Psychiatry Research</i> , 1988, 25, 113-114.	3.3	1
97	Sympathetic nervous system activity in panic disorder. <i>Psychiatry Research</i> , 1987, 21, 313-321.	3.3	93
98	Haloperidol increases plasma beta endorphin-like immunoreactivity and cortisol in normal human males. <i>Life Sciences</i> , 1986, 39, 373-381.	4.3	24
99	Influence of ethanol dependence on regional brain content of $\delta^2$ -endorphin in the mouse. <i>Brain Research</i> , 1986, 378, 107-114.	2.2	24
100	Peripheral sympathectomy and adrenal medullectomy do not alter cerebrospinal fluid norepinephrine. <i>Brain Research</i> , 1986, 367, 258-264.	2.2	28
101	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
102	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
103	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
104	Compensatory Adrenal Growth in Immature and Mature Male Rats. <i>Neuroendocrinology</i> , 1980, 31, 34-38.	2.5	12
105	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
106	Estrogenic effects on behavioral thermoregulation and body temperature of rats. <i>Physiology and Behavior</i> , 1980, 24, 337-340.	2.1	23
107	Daily Rhythms in Adrenal Responsiveness to Adrenocorticotropin Are Determined Primarily by the Time of Feeding in the Rat*. <i>Endocrinology</i> , 1979, 104, 350-359.	2.8	126
108	Diurnal variation of heat intake in ovariectomized, steroid-treated rats. <i>Hormones and Behavior</i> , 1979, 12, 232-242.	2.1	15