

Brian R Walker

List of Publications by Year in descending order

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papers

21,342
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8159

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264
times ranked

18926
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#	ARTICLE	IF	CITATIONS
1	Minireview: 11 β -Hydroxysteroid Dehydrogenase Type 1 "A Tissue-Specific Amplifier of Glucocorticoid Action". <i>Endocrinology</i> , 2001, 142, 1371-1376.	1.4	657
2	Taking Glucocorticoids by Prescription Is Associated with Subsequent Cardiovascular Disease. <i>Annals of Internal Medicine</i> , 2004, 141, 764.	2.0	596
3	Tissue-Specific Dysregulation of Cortisol Metabolism in Human Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 1418-1421.	1.8	584
4	Glucocorticoids and insulin resistance: old hormones, new targets. <i>Clinical Science</i> , 1999, 96, 513-523.	1.8	523
5	Adrenocortical, Autonomic, and Inflammatory Causes of the Metabolic Syndrome. <i>Circulation</i> , 2002, 106, 2659-2665.	1.6	484
6	Novel Adipose Tissue-Mediated Resistance to Diet-Induced Visceral Obesity in 11 β -Hydroxysteroid Dehydrogenase Type 1-Deficient Mice. <i>Diabetes</i> , 2004, 53, 931-938.	0.3	476
7	Reduced Cortisol Metabolism during Critical Illness. <i>New England Journal of Medicine</i> , 2013, 368, 1477-1488.	13.9	468
8	The intergenerational effects of fetal programming: non-genomic mechanisms for the inheritance of low birth weight and cardiovascular risk. <i>Journal of Endocrinology</i> , 2004, 180, 1-16.	1.2	460
9	Glucocorticoids and Cardiovascular Disease. <i>European Journal of Endocrinology</i> , 2007, 157, 545-559.	1.9	446
10	Visceral and subcutaneous fat have different origins and evidence supports a mesothelial source. <i>Nature Cell Biology</i> , 2014, 16, 367-375.	4.6	422
11	Health Status of Adults with Congenital Adrenal Hyperplasia: A Cohort Study of 203 Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 5110-5121.	1.8	408
12	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016, 538, 248-252.	13.7	406
13	Low Birth Weight Predicts Elevated Plasma Cortisol Concentrations in Adults From 3 Populations. <i>Hypertension</i> , 2000, 35, 1301-1306.	1.3	371
14	Tissue-Specific Changes in Peripheral Cortisol Metabolism in Obese Women: Increased Adipose 11 β -Hydroxysteroid Dehydrogenase Type 1 Activity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 3330-3336.	1.8	339
15	Obesity and Gender Influence Cortisol Secretion and Metabolism in Man. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 1806-1806.	1.8	323
16	Understanding the Role of Glucocorticoids in Obesity: Tissue-Specific Alterations of Corticosterone Metabolism in Obese Zucker Rats ¹ . <i>Endocrinology</i> , 2000, 141, 560-563.	1.4	319
17	Glucocorticoids and fatty acid metabolism in humans: fuelling fat redistribution in the metabolic syndrome. <i>Journal of Endocrinology</i> , 2008, 197, 189-204.	1.2	302
18	Altered Control of Cortisol Secretion in Adult Men with Low Birth Weight and Cardiovascular Risk Factors ¹ . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 245-250.	1.8	285

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19	Glucocorticoids and insulin resistance: old hormones, new targets. <i>Clinical Science</i> , 1999, 96, 513.	1.8	259
20	Effects of the 11 β -Hydroxysteroid Dehydrogenase Inhibitor Carbenoxolone on Insulin Sensitivity in Men with Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 285-291.	1.8	243
21	Adult cardiovascular risk factors in premature babies. <i>Lancet, The</i> , 2000, 355, 2135-2136.	6.3	242
22	From The Cover: 11 β -Hydroxysteroid dehydrogenase inhibition improves cognitive function in healthy elderly men and type 2 diabetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6734-6739.	3.3	240
23	Minireview: 11 β -Hydroxysteroid Dehydrogenase Type 1 "A Tissue-Specific Amplifier of Glucocorticoid Action.", 0, .		236
24	Subcutaneous Adipose 11 β -Hydroxysteroid Dehydrogenase Type 1 Activity and Messenger Ribonucleic Acid Levels Are Associated with Adiposity and Insulinemia in Pima Indians and Caucasians. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 2738-2744.	1.8	229
25	Glucocorticoids and 11 β -Hydroxysteroid Dehydrogenase in Adipose Tissue. <i>Endocrine Reviews</i> , 2004, 25, 359-393.	7.1	215
26	Local and Systemic Impact of Transcriptional Up-Regulation of 11 β -Hydroxysteroid Dehydrogenase Type 1 in Adipose Tissue in Human Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 3983-3988.	1.8	208
27	Effect of metformin on maternal and fetal outcomes in obese pregnant women (EMPOWaR): a randomised, double-blind, placebo-controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2015, 3, 778-786.	5.5	206
28	Deficient inactivation of cortisol by 11 β -hydroxysteroid dehydrogenase in essential hypertension. <i>Clinical Endocrinology</i> , 1993, 39, 221-227.	1.2	179
29	Increased In Vivo Regeneration of Cortisol in Adipose Tissue in Human Obesity and Effects of the 11 β -Hydroxysteroid Dehydrogenase Type 1 Inhibitor Carbenoxolone. <i>Diabetes</i> , 2005, 54, 872-879.	0.3	179
30	Mineralocorticoid excess and inhibition of 11 β -hydroxysteroid dehydrogenase in patients with ectopic ACTH syndrome. <i>Clinical Endocrinology</i> , 1992, 37, 483-492.	1.2	176
31	Increased Glucocorticoid Activity in Men With Cardiovascular Risk Factors. <i>Hypertension</i> , 1998, 31, 891-895.	1.3	170
32	Abnormal Cortisol Metabolism and Tissue Sensitivity to Cortisol in Patients with Glucose Intolerance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 5587-5593.	1.8	169
33	Body Fat Distribution and Cortisol Metabolism in Healthy Men: Enhanced 5 β -Reductase and Lower Cortisol/Cortisone Metabolite Ratios in Men with Fatty Liver. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 4924-4931.	1.8	163
34	Genetic correlations among psychiatric and immune-related phenotypes based on genome-wide association data. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2018, 177, 641-657.	1.1	158
35	Cortisol?cause and cure for metabolic syndrome?. <i>Diabetic Medicine</i> , 2006, 23, 1281-1288.	1.2	154
36	A Choline-Deficient Diet Exacerbates Fatty Liver but Attenuates Insulin Resistance and Glucose Intolerance in Mice Fed a High-Fat Diet. <i>Diabetes</i> , 2006, 55, 2015-2020.	0.3	150

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37	Intra-adipose sex steroid metabolism and body fat distribution in idiopathic human obesity. <i>Clinical Endocrinology</i> , 2007, 66, 440-446.	1.2	149
38	Glucocorticoids Acutely Increase Brown Adipose Tissue Activity in Humans, Revealing Species-Specific Differences in UCP-1 Regulation. <i>Cell Metabolism</i> , 2016, 24, 130-141.	7.2	147
39	11 β -Hydroxysteroid Dehydrogenase in Vascular Smooth Muscle and Heart: Implications for Cardiovascular Responses to Glucocorticoids*. <i>Endocrinology</i> , 1991, 129, 3305-3312.	1.4	144
40	Independent effects of obesity and cortisol in predicting cardiovascular risk factors in men and women. <i>Journal of Internal Medicine</i> , 2000, 247, 198-204.	2.7	138
41	Licorice-Induced Hypertension and Syndromes of Apparent Mineralocorticoid Excess. <i>Endocrinology and Metabolism Clinics of North America</i> , 1994, 23, 359-377.	1.2	134
42	Seasonal Variation in Glucocorticoid Activity in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 4015-4019.	1.8	132
43	Whole-Genome Sequencing Coupled to Imputation Discovers Genetic Signals for Anthropometric Traits. <i>American Journal of Human Genetics</i> , 2017, 100, 865-884.	2.6	131
44	Studies with iontophoretic administration of drugs to human dermal vessels in vivo: cholinergic vasodilatation is mediated by dilator prostanoids rather than nitric oxide. <i>British Journal of Clinical Pharmacology</i> , 1998, 45, 545-550.	1.1	123
45	Tissue Production of Cortisol by 11 β -Hydroxysteroid Dehydrogenase Type 1 and Metabolic Disease. <i>Annals of the New York Academy of Sciences</i> , 2006, 1083, 165-184.	1.8	121
46	Glucocorticoids and blood pressure: a role for the cortisol/cortisone shuttle in the control of vascular tone in man. <i>Clinical Science</i> , 1992, 83, 171-178.	1.8	120
47	Additional value of measurement of urinary cortisone and unconjugated cortisol metabolites in assessing the activity of 11 β -hydroxysteroid dehydrogenase in vivo. <i>Clinical Endocrinology</i> , 1997, 47, 231-236.	1.2	116
48	11 β -hydroxysteroid dehydrogenase type 1 as a modulator of glucocorticoid action: from metabolism to memory. <i>Trends in Endocrinology and Metabolism</i> , 2004, 15, 418-424.	3.1	116
49	Pathophysiology of modulation of local glucocorticoid levels by 11 β -hydroxysteroid dehydrogenases. <i>Trends in Endocrinology and Metabolism</i> , 2001, 12, 446-453.	3.1	110
50	Preventing local regeneration of glucocorticoids by 11 β -hydroxysteroid dehydrogenase type 1 enhances angiogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12165-12170.	3.3	109
51	Mass Spectrometry Imaging for Dissecting Steroid Intracrinology within Target Tissues. <i>Analytical Chemistry</i> , 2013, 85, 11576-11584.	3.2	109
52	Corticosteroids and vascular tone: mapping the messenger maze. <i>Clinical Science</i> , 1992, 82, 597-605.	1.8	107
53	Genome Wide Association Identifies Common Variants at the SERPINA6/SERPINA1 Locus Influencing Plasma Cortisol and Corticosteroid Binding Globulin. <i>PLoS Genetics</i> , 2014, 10, e1004474.	1.5	105
54	11 β -Hydroxysteroid dehydrogenase Type 1: genetic polymorphisms are associated with Type 2 diabetes in Pima Indians independently of obesity and expression in adipocyte and muscle. <i>Diabetologia</i> , 2004, 47, 1088-95.	2.9	103

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55	Increased Vasoconstrictor Sensitivity to Glucocorticoids in Essential Hypertension. <i>Hypertension</i> , 1996, 27, 190-196.	1.3	102
56	Substantial Metabolic Activity of Human Brown Adipose Tissue during Warm Conditions and Cold-Induced Lipolysis of Local Triglycerides. <i>Cell Metabolism</i> , 2018, 27, 1348-1355.e4.	7.2	101
57	Therapeutic manipulation of glucocorticoid metabolism in cardiovascular disease. <i>British Journal of Pharmacology</i> , 2009, 156, 689-712.	2.7	100
58	Cortisol Release From Adipose Tissue by 11 β -Hydroxysteroid Dehydrogenase Type 1 in Humans. <i>Diabetes</i> , 2009, 58, 46-53.	0.3	98
59	Elevated Fasting Plasma Cortisol Is Associated with Ischemic Heart Disease and Its Risk Factors in People with Type 2 Diabetes: The Edinburgh Type 2 Diabetes Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 1602-1608.	1.8	98
60	11 β -Hydroxysteroid dehydrogenase type 1 in obesity and the metabolic syndrome. <i>Molecular and Cellular Endocrinology</i> , 2004, 215, 45-54.	1.6	97
61	Increased glucocorticoid production and altered cortisol metabolism in women with mild to moderate Alzheimer's disease. <i>Biological Psychiatry</i> , 2001, 49, 547-552.	0.7	95
62	Omental 11 β -Hydroxysteroid Dehydrogenase 1 Correlates with Fat Cell Size Independently of Obesity. <i>Obesity</i> , 2007, 15, 1155-1163.	1.5	95
63	The Contribution of Visceral Adipose Tissue to Splanchnic Cortisol Production in Healthy Humans. <i>Diabetes</i> , 2005, 54, 1364-1370.	0.3	93
64	Contribution of parental blood pressures to association between low birth weight and adult high blood pressure: cross sectional study. <i>BMJ: British Medical Journal</i> , 1998, 316, 834-837.	2.4	92
65	Insulin Response in Relation to Insulin Sensitivity. <i>Diabetes Care</i> , 2009, 32, 860-865.	4.3	92
66	Deletion of the Androgen Receptor in Adipose Tissue in Male Mice Elevates Retinol Binding Protein 4 and Reveals Independent Effects on Visceral Fat Mass and on Glucose Homeostasis. <i>Diabetes</i> , 2012, 61, 1072-1081.	0.3	91
67	Genotype-Phenotype Correlation in 153 Adult Patients With Congenital Adrenal Hyperplasia due to 21-Hydroxylase Deficiency: Analysis of the United Kingdom Congenital Adrenal Hyperplasia Adult Study Executive (CaHASE) Cohort. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E346-E354.	1.8	90
68	Mechanisms of dysregulation of 11 beta-hydroxysteroid dehydrogenase type 1 in obese Zucker rats. <i>Journal of Endocrinology</i> , 2000, 167, 533-539.	1.2	87
69	Genetics of cortisol secretion and depressive symptoms: A candidate gene and genome wide association approach. <i>Psychoneuroendocrinology</i> , 2011, 36, 1053-1061.	1.3	85
70	11 beta-hydroxysteroid dehydrogenase type 1 is a predominant 11 beta-reductase in the intact perfused rat liver. <i>Journal of Endocrinology</i> , 2000, 165, 685-692.	1.2	84
71	11 β -Hydroxysteroid Dehydrogenase Type 2 in Mouse Aorta. <i>Hypertension</i> , 2003, 42, 580-587.	1.3	84
72	11-Beta-hydroxysteroid dehydrogenase type 1 (11 β -HSD1) inhibitors in Type 2 diabetes mellitus and obesity. <i>Expert Opinion on Investigational Drugs</i> , 2008, 17, 481-496.	1.9	84

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73	Is 11 β -Hydroxysteroid Dehydrogenase Type 1 a Therapeutic Target? Effects of Carbenoxolone in Lean and Obese Zucker Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 305, 167-172.	1.3	82
74	Increased Angiogenesis Protects against Adipose Hypoxia and Fibrosis in Metabolic Disease-resistant 11 β -Hydroxysteroid Dehydrogenase Type 1 (HSD1)-deficient Mice. <i>Journal of Biological Chemistry</i> , 2012, 287, 4188-4197.	1.6	82
75	Treatment and health outcomes in adults with congenital adrenal hyperplasia. <i>Nature Reviews Endocrinology</i> , 2014, 10, 115-124.	4.3	82
76	Distinguishing the Activities of 11 β -Hydroxysteroid Dehydrogenases <i>in Vivo</i> Using Isotopically Labeled Cortisol. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 277-285.	1.8	81
77	Ten Years on: Safety of Short Synacthen Tests in Assessing Adrenocorticotropin Deficiency in Clinical Practice. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 2106-2111.	1.8	80
78	Glucocorticoid-Mediated Inhibition of Angiogenic Changes in Human Endothelial Cells Is Not Caused by Reductions in Cell Proliferation or Migration. <i>PLoS ONE</i> , 2010, 5, e14476.	1.1	80
79	Bile acids modulate glucocorticoid metabolism and the hypothalamic-pituitary-adrenal axis in obstructive jaundice. <i>Journal of Hepatology</i> , 2010, 52, 705-711.	1.8	79
80	Cortisol Metabolism in Healthy Young Adults: Sexual Dimorphism in Activities of A-Ring Reductases, but not 11 β -Hydroxysteroid Dehydrogenases ¹ . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 3316-3321.	1.8	77
81	Elevated Plasma Cortisol in Glucose-Intolerant Men: Differences in Responses to Glucose and Habituation to Venepuncture. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 1149-1153.	1.8	77
82	Partial Deficiency or Short-Term Inhibition of 11 β -Hydroxysteroid Dehydrogenase Type 1 Improves Cognitive Function in Aging Mice. <i>Journal of Neuroscience</i> , 2010, 30, 13867-13872.	1.7	76
83	5 α -Reductase Type 1 Deficiency or Inhibition Predisposes to Insulin Resistance, Hepatic Steatosis, and Liver Fibrosis in Rodents. <i>Diabetes</i> , 2015, 64, 447-458.	0.3	76
84	Endothelial Cell Dysfunction in Mice After Transgenic Knockout of Type 2, but Not Type 1, 11 β -Hydroxysteroid Dehydrogenase. <i>Circulation</i> , 2001, 104, 2832-2837.	1.6	73
85	11 β -HSD1 Inhibitors for the Treatment of Type 2 Diabetes and Cardiovascular Disease. <i>Drugs</i> , 2013, 73, 1385-1393.	4.9	73
86	Human insulin resistance: the role of glucocorticoids. <i>Diabetes, Obesity and Metabolism</i> , 2003, 5, 5-12.	2.2	71
87	Dietary Macronutrient Content Alters Cortisol Metabolism Independently of Body Weight Changes in Obese Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 4480-4484.	1.8	71
88	Influence of short-term dietary weight loss on cortisol secretion and metabolism in obese men. <i>European Journal of Endocrinology</i> , 2004, 150, 185-194.	1.9	70
89	Genetic Variation in 11 β -Hydroxysteroid Dehydrogenase Type 1 Predicts Adrenal Hyperandrogenism among Lean Women with Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 2295-2302.	1.8	70
90	Reduced Adipose Glucocorticoid Reactivation and Increased Hepatic Glucocorticoid Clearance as an Early Adaptation to High-Fat Feeding in Wistar Rats. <i>Endocrinology</i> , 2005, 146, 913-919.	1.4	69

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91	Morning Cortisol Levels and Cognitive Abilities in People With Type 2 Diabetes. <i>Diabetes Care</i> , 2010, 33, 714-720.	4.3	68
92	5 α -Reductase Type 1 Modulates Insulin Sensitivity in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1397-E1406.	1.8	68
93	Quality of life in adults with congenital adrenal hyperplasia relates to glucocorticoid treatment, adiposity and insulin resistance: United Kingdom Congenital adrenal Hyperplasia Adult Study Executive (CaHASE). <i>European Journal of Endocrinology</i> , 2013, 168, 887-893.	1.9	67
94	Microvascular correlates of blood pressure, plasma glucose, and insulin resistance in health. <i>Cardiovascular Research</i> , 2002, 53, 271-276.	1.8	65
95	Interactions between oestradiol and glucocorticoid regulatory effects on liver-specific glucocorticoid-inducible genes: possible evidence for a role of hepatic 11 β -hydroxysteroid dehydrogenase type 1. <i>Journal of Endocrinology</i> , 1999, 160, 103-109.	1.2	64
96	Improved heart function follows enhanced inflammatory cell recruitment and angiogenesis in 11 β HSD1-deficient mice post-MI. <i>Cardiovascular Research</i> , 2010, 88, 159-167.	1.8	61
97	Spatial Localization and Quantitation of Androgens in Mouse Testis by Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2016, 88, 10362-10367.	3.2	61
98	Derivatization of estrogens enhances specificity and sensitivity of analysis of human plasma and serum by liquid chromatography tandem mass spectrometry. <i>Talanta</i> , 2016, 151, 148-156.	2.9	60
99	Increased Whole-Body and Sustained Liver Cortisol Regeneration by 11 β -Hydroxysteroid Dehydrogenase Type 1 in Obese Men With Type 2 Diabetes Provides a Target for Enzyme Inhibition. <i>Diabetes</i> , 2011, 60, 720-725.	0.3	59
100	L-NMMA Increases blood pressure in man. <i>Lancet</i> , The, 1993, 342, 931-932.	6.3	58
101	Interaction Between an 11 β HSD1 Gene Variant and Birth Era Modifies the Risk of Hypertension in Pima Indians. <i>Hypertension</i> , 2004, 44, 681-688.	1.3	58
102	Susceptibility to corticosteroid-induced adrenal suppression: a genome-wide association study. <i>Lancet Respiratory Medicine</i> , the, 2018, 6, 442-450.	5.2	58
103	Recycling Between Cortisol and Cortisone in Human Splanchnic, Subcutaneous Adipose, and Skeletal Muscle Tissues In Vivo. <i>Diabetes</i> , 2012, 61, 1357-1364.	0.3	57
104	Salicylate Downregulates 11 β -HSD1 Expression in Adipose Tissue in Obese Mice and in Humans, Mediating Insulin Sensitization. <i>Diabetes</i> , 2012, 61, 790-796.	0.3	57
105	Genetic identification of thiosulfate sulfurtransferase as an adipocyte-expressed antidiabetic target in mice selected for leanness. <i>Nature Medicine</i> , 2016, 22, 771-779.	15.2	57
106	The Postprandial Rise in Plasma Cortisol in Men Is Mediated by Macronutrient-Specific Stimulation of Adrenal and Extra-Adrenal Cortisol Production. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 160-168.	1.8	56
107	Is there a gender difference in the associations of birthweight and adult hypothalamic-pituitary-adrenal axis activity?. <i>European Journal of Endocrinology</i> , 2005, 152, 249-253.	1.9	55
108	Morning plasma cortisol as a cardiovascular risk factor: findings from prospective cohort and Mendelian randomization studies. <i>European Journal of Endocrinology</i> , 2019, 181, 429-438.	1.9	55

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109	11 β -Hydroxysteroid dehydrogenase and enzyme-mediated receptor protection: Life after liquorice?. <i>Clinical Endocrinology</i> , 1991, 35, 281-289.	1.2	52
110	11 β -Hydroxysteroid dehydrogenase Type 1 as a novel therapeutic target in metabolic and neurodegenerative disease. <i>Expert Opinion on Therapeutic Targets</i> , 2003, 7, 771-783.	1.5	52
111	Acute In Vivo Regulation of 11 β -Hydroxysteroid Dehydrogenase Type 1 Activity by Insulin and Intralipid Infusions in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 4682-4688.	1.8	52
112	Glucocorticoid Metabolism and Adrenocortical Reactivity to ACTH in Myotonic Dystrophy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 4276-4283.	1.8	51
113	Systematic review and meta-analysis reveals acutely elevated plasma cortisol following fasting but not less severe calorie restriction. <i>Stress</i> , 2016, 19, 151-157.	0.8	50
114	Hair Cortisol in Twins: Heritability and Genetic Overlap with Psychological Variables and Stress-System Genes. <i>Scientific Reports</i> , 2017, 7, 15351.	1.6	50
115	Skeletal Muscle Glucocorticoid Receptor Density and Insulin Resistance. <i>JAMA - Journal of the American Medical Association</i> , 2002, 287, 2505-2506.	3.8	49
116	Combined Receptor Antagonist Stimulation of the Hypothalamic-Pituitary-Adrenal Axis Test Identifies Impaired Negative Feedback Sensitivity to Cortisol in Obese Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 1347-1352.	1.8	48
117	Cognitive and Disease-Modifying Effects of 11 β -Hydroxysteroid Dehydrogenase Type 1 Inhibition in Male Tg2576 Mice, a Model of Alzheimer's Disease. <i>Endocrinology</i> , 2015, 156, 4592-4603.	1.4	48
118	Discovery and biological evaluation of adamantyl amide 11 β -HSD1 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 2838-2843.	1.0	47
119	Decreased maternal hypothalamic-pituitary-adrenal axis activity in very severely obese pregnancy: Associations with birthweight and gestation at delivery. <i>Psychoneuroendocrinology</i> , 2016, 63, 135-143.	1.3	47
120	Activation of the hypothalamic-pituitary-adrenal axis in obesity: Cause or consequence?. <i>Growth Hormone and IGF Research</i> , 2001, 11, S91-S95.	0.5	46
121	Predicting cardiovascular risk factors from plasma cortisol measured during oral glucose tolerance tests. <i>Metabolism: Clinical and Experimental</i> , 2003, 52, 524-527.	1.5	46
122	A combination of polymorphisms in HSD11B1 associates with in vivo 11 β -HSD1 activity and metabolic syndrome in women with and without polycystic ovary syndrome. <i>European Journal of Endocrinology</i> , 2011, 165, 283-292.	1.9	46
123	Cortisol Inactivation by 11 β -Hydroxysteroid dehydrogenase-2 May Enhance Endometrial Angiogenesis via Reduced Thrombospondin-1 in Heavy Menstruation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 1443-1450.	1.8	45
124	Tissue-specific dysregulation of cortisol regeneration by 11 β HSD1 in obesity: has it promised too much?. <i>Diabetologia</i> , 2014, 57, 1100-1110.	2.9	45
125	ABCC1 confers tissue-specific sensitivity to cortisol versus corticosterone: A rationale for safer glucocorticoid replacement therapy. <i>Science Translational Medicine</i> , 2016, 8, 352ra109.	5.8	45
126	Programming of Hypertension. <i>Hypertension</i> , 2009, 53, 932-936.	1.3	44

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127	Development-Related Increase in Cortisol Biosynthesis by Human Granulosa Cells¹. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 4728-4733.	1.8	43
128	Extra-adrenal regeneration of glucocorticoids by 11 β -hydroxysteroid dehydrogenase type 1: physiological regulator and pharmacological target for energy partitioning. <i>Proceedings of the Nutrition Society</i> , 2007, 66, 1-8.	0.4	43
129	11 β -HSD1 suppresses cardiac fibroblast CXCL2, CXCL5 and neutrophil recruitment to the heart post MI. <i>Journal of Endocrinology</i> , 2017, 233, 315-327.	1.2	42
130	11 β -hydroxysteroid dehydrogenase type 1 deficiency in bone marrow α -derived cells reduces atherosclerosis. <i>FASEB Journal</i> , 2013, 27, 1519-1531.	0.2	41
131	Tissue-specific dysregulation of 11 β -hydroxysteroid dehydrogenase type 1 in overweight/obese women with polycystic ovary syndrome compared with weight-matched controls. <i>European Journal of Endocrinology</i> , 2014, 171, 47-57.	1.9	41
132	Unhealthy lifestyle in early psychoses: The role of life stress and the hypothalamic α -pituitary α -adrenal axis. <i>Psychoneuroendocrinology</i> , 2014, 39, 1-10.	1.3	41
133	Adrenal insufficiency in patients on long α -term opioid analgesia. <i>Clinical Endocrinology</i> , 2016, 85, 831-835.	1.2	41
134	5 α -Reduced Glucocorticoids, Novel Endogenous Activators of the Glucocorticoid Receptor. <i>Journal of Biological Chemistry</i> , 2004, 279, 22908-22912.	1.6	40
135	Effects of Peroxisome Proliferator-Activated Receptor- α and - β Agonists on 11 β -Hydroxysteroid Dehydrogenase Type 1 in Subcutaneous Adipose Tissue in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 1848-1856.	1.8	40
136	Selection and early clinical evaluation of the brain α -penetrant 11 β -hydroxysteroid dehydrogenase type 1 (11 β -HSD1) inhibitor UE2343 (Xanamem α , β). <i>British Journal of Pharmacology</i> , 2017, 174, 396-408.	2.7	40
137	Variation in the SERPINA6/SERPINA1 locus alters morning plasma cortisol, hepatic corticosteroid binding globulin expression, gene expression in peripheral tissues, and risk of cardiovascular disease. <i>Journal of Human Genetics</i> , 2021, 66, 625-636.	1.1	40
138	Acute physiological effects of glucocorticoids on fuel metabolism in humans are permissive but not direct. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 883-891.	2.2	39
139	Aromatase Inhibition Reduces Insulin Sensitivity in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 2040-2046.	1.8	38
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