

# Brian R Walker

## List of Publications by Year in descending order

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253  
papers

21,342  
citations

8159

76  
h-index

11581

135  
g-index

264  
all docs

264  
docs citations

264  
times ranked

18926  
citing authors

#	ARTICLE	IF	CITATIONS
1	ABCC1 modulates negative feedback control of the hypothalamic-pituitary-adrenal axis in vivo in humans. <i>Metabolism: Clinical and Experimental</i> , 2022, 128, 155118.	1.5	7
2	Corticotroph isolation from <i>Pomc</i> <sup>Cre</sup> /eGFP mice reveals sustained transcriptional dysregulation characterising a mouse model of glucocorticoid-induced suppression of the hypothalamus-pituitary-adrenal axis. <i>Journal of Neuroendocrinology</i> , 2022, 34, .	1.2	3
3	Heritability of Urinary Amines, Organic Acids, and Steroid Hormones in Children. <i>Metabolites</i> , 2022, 12, 474.	1.3	7
4	Comparison of mechanisms of angiostasis caused by the anti-inflammatory steroid 5 $\alpha$ -tetrahydrocorticosterone versus conventional glucocorticoids. <i>European Journal of Pharmacology</i> , 2022, 929, 175111.	1.7	1
5	Effects of Obesity and Insulin on Tissue-Specific Recycling Between Cortisol and Cortisone in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e1206-e1220.	1.8	8
6	Identification of human glucocorticoid response markers using integrated multi-omic analysis from a randomized crossover trial. <i>ELife</i> , 2021, 10, .	2.8	22
7	Carbonyl reductase 1 amplifies glucocorticoid action in adipose tissue and impairs glucose tolerance in lean mice. <i>Molecular Metabolism</i> , 2021, 48, 101225.	3.0	4
8	Associations Between CYP17A1 and SERPINA6/A1 Polymorphisms, and Cardiometabolic Risk Factors in Black South Africans. <i>Frontiers in Genetics</i> , 2021, 12, 687335.	1.1	2
9	Glucocorticoids associate with cardiometabolic risk factors in black South Africans. <i>Endocrine Connections</i> , 2021, 10, 873-884.	0.8	2
10	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
11	Enhanced Angiogenesis by 11 $\beta$ HSD1 Blockage Is Insufficient to Improve Reperfusion Following Hindlimb Ischaemia. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 795823.	1.1	1
12	GDF15 Is Elevated in Conditions of Glucocorticoid Deficiency and Is Modulated by Glucocorticoid Replacement. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1427-1434.	1.8	12
13	Heritability of Cortisol Production and Metabolism Throughout Adolescence. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 443-452.	1.8	10
14	Estrogens and Glucocorticoids in Mammary Adipose Tissue: Relationships with Body Mass Index and Breast Cancer Features. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1504-e1516.	1.8	11
15	Exploring the Temporal Relation between Body Mass Index and Corticosteroid Metabolite Excretion in Childhood. <i>Nutrients</i> , 2020, 12, 1525.	1.7	3
16	Long-Term Stability of Cortisol Production and Metabolism Throughout Adolescence: Longitudinal Twin Study. <i>Twin Research and Human Genetics</i> , 2020, 23, 33-38.	0.3	3
17	Sexual dimorphism in cortisol metabolism throughout pubertal development: a longitudinal study. <i>Endocrine Connections</i> , 2020, 9, 542-551.	0.8	8
18	Diet-induced weight loss alters hepatic glucocorticoid metabolism in type 2 diabetes mellitus. <i>European Journal of Endocrinology</i> , 2020, 182, 447-457.	1.9	9

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19	Higher Insulin Resistance and Adiposity in Postmenopausal Women With Breast Cancer Treated With Aromatase Inhibitors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 3670-3678.	1.8	23
20	Simultaneous quantification of estrogens and glucocorticoids in human adipose tissue by liquid-chromatography-tandem mass spectrometry. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 195, 105476.	1.2	19
21	Role of Hepatic Glucocorticoid Receptor in Metabolism in Models of 5 $\alpha$ -R1 Deficiency in Male Mice. <i>Endocrinology</i> , 2019, 160, 2061-2073.	1.4	2
22	Incidence of type 2 diabetes mellitus in men receiving steroid 5 $\alpha$ -reductase inhibitors: population based cohort study. <i>BMJ: British Medical Journal</i> , 2019, 365, l1204.	2.4	28
23	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
24	Neutrophil elastase-cleaved corticosteroid-binding globulin is absent in human plasma. <i>Journal of Endocrinology</i> , 2019, 240, 27-39.	1.2	4
25	Quantification of 11 $\beta$ -hydroxysteroid dehydrogenase 1 kinetics and pharmacodynamic effects of inhibitors in brain using mass spectrometry imaging and stable-isotope tracers in mice. <i>Biochemical Pharmacology</i> , 2018, 148, 88-99.	2.0	17
26	11 $\beta$ -hydroxysteroid dehydrogenase-1 deficiency or inhibition enhances hepatic myofibroblast activation in murine liver fibrosis. <i>Hepatology</i> , 2018, 67, 2167-2181.	3.6	21
27	Susceptibility to corticosteroid-induced adrenal suppression: a genome-wide association study. <i>Lancet Respiratory Medicine</i> , 2018, 6, 442-450.	5.2	58
28	Dysregulation of Cortisol Metabolism in Equine Pituitary Pars Intermedia Dysfunction. <i>Endocrinology</i> , 2018, 159, 3791-3800.	1.4	18
29	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
30	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
31	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
32	11 $\beta$ -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
33	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
34	Inhibition or deletion of 11 $\beta$ -HSD1 does not increase angiogenesis in ischemic retinopathy. <i>Diabetes and Metabolism</i> , 2017, 43, 480-483.	1.4	3
35	Safer topical treatment for inflammation using 5 $\alpha$ -tetrahydrocorticosterone in mouse models. <i>Biochemical Pharmacology</i> , 2017, 129, 73-84.	2.0	7
36	Selection and early clinical evaluation of the brain-penetrant 11 $\beta$ -hydroxysteroid dehydrogenase type 1 (11 $\beta$ -HSD1) inhibitor UE2343 (Xanamem, c). <i>British Journal of Pharmacology</i> , 2017, 174, 396-408.	2.7	40

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37	Acute interaction between hydrocortisone and insulin alters the plasma metabolome in humans. <i>Scientific Reports</i> , 2017, 7, 11488.	1.6	6
38	Carbonyl reductase 1 catalyzes 20 $\beta$ -reduction of glucocorticoids, modulating receptor activation and metabolic complications of obesity. <i>Scientific Reports</i> , 2017, 7, 10633.	1.6	15
39	Gas chromatography tandem mass spectrometry offers advantages for urinary steroids analysis. <i>Analytical Biochemistry</i> , 2017, 538, 34-37.	1.1	28
40	The low single nucleotide polymorphism heritability of plasma and saliva cortisol levels. <i>Psychoneuroendocrinology</i> , 2017, 85, 88-95.	1.3	17
41	Plasma metabolomic profile varies with glucocorticoid dose in patients with congenital adrenal hyperplasia. <i>Scientific Reports</i> , 2017, 7, 17092.	1.6	13
42	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
43	Metabolic dysfunction in female mice with disruption of 5 $\beta$ -reductase 1. <i>Journal of Endocrinology</i> , 2017, 232, 29-36.	1.2	12
44	Adrenal insufficiency in patients on long-term opioid analgesia. <i>Clinical Endocrinology</i> , 2016, 85, 831-835.	1.2	41
45	The prevalence of structural pituitary abnormalities by MRI scanning in men presenting with isolated hypogonadotropic hypogonadism. <i>Clinical Endocrinology</i> , 2016, 84, 858-861.	1.2	22
46	Aromatase Inhibition Reduces Insulin Sensitivity in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 2040-2046.	1.8	38
47	11 $\beta$ -Hydroxysteroid Dehydrogenase Type 1 Is Expressed in Neutrophils and Restrains an Inflammatory Response in Male Mice. <i>Endocrinology</i> , 2016, 157, 2928-2936.	1.4	36
48	Spatial Localization and Quantitation of Androgens in Mouse Testis by Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2016, 88, 10362-10367.	3.2	61
49	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016, 538, 248-252.	13.7	406
50	Metformin Increases Cortisol Regeneration by 11 $\beta$ HSD1 in Obese Men With and Without Type 2 Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3787-3793.	1.8	12
51	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
52	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
53	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
54	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

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55	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
56	Cardiomyocyte and Vascular Smooth Muscle-Independent 11 $\beta$ -Hydroxysteroid Dehydrogenase 1 Amplifies Infarct Expansion, Hypertrophy, and the Development of Heart Failure After Myocardial Infarction in Male Mice. <i>Endocrinology</i> , 2016, 157, 346-357.	1.4	28
57	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
58	Vascular Dysfunction in Horses with Endocrinopathic Laminitis. <i>PLoS ONE</i> , 2016, 11, e0163815.	1.1	28
59	Generation and 3-Dimensional Quantitation of Arterial Lesions in Mice Using Optical Projection Tomography. <i>Journal of Visualized Experiments</i> , 2015, , e50627.	0.2	3
60	Health Behaviours during Pregnancy in Women with Very Severe Obesity. <i>Nutrients</i> , 2015, 7, 8431-8443.	1.7	20
61	Short-term inhibition of 11 $\beta$ -hydroxysteroid dehydrogenase type 1 reversibly improves spatial memory but persistently impairs contextual fear memory in aged mice. <i>Neuropharmacology</i> , 2015, 91, 71-76.	2.0	22
62	11 $\beta$ -Hydroxysteroid Dehydrogenase Activity in the Brain Does Not Contribute to Systemic Interconversion of Cortisol and Cortisone in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 483-489.	1.8	11
63	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
64	Simultaneous pharmacokinetic and pharmacodynamic analysis of 5 $\alpha$ -reductase inhibitors and androgens by liquid chromatography tandem mass spectrometry. <i>Talanta</i> , 2015, 131, 728-735.	2.9	18
65	Efficacy of metformin in pregnant obese women: a randomised controlled trial. <i>BMJ Open</i> , 2015, 5, e006854-e006854.	0.8	15
66	Cognitive and Disease-Modifying Effects of 11 $\beta$ -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
67	Convergence in insulin resistance between very severely obese and lean women at the end of pregnancy. <i>Diabetologia</i> , 2015, 58, 2615-2626.	2.9	34
68	Intrahippocampal glucocorticoids generated by 11 $\beta$ -HSD1 affect memory in aged mice. <i>Neurobiology of Aging</i> , 2015, 36, 334-343.	1.5	37
69	5 $\alpha$ -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
70	Elevated hepatic 11 $\beta$ -hydroxysteroid dehydrogenase type 1 induces insulin resistance in uremia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3817-3822.	3.3	29
71	5 $\alpha$ -Reductase Type 1 Modulates Insulin Sensitivity in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1397-E1406.	1.8	68
72	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

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73	Relative adrenal insufficiency in mice deficient in 5 $\alpha$ -reductase 1. <i>Journal of Endocrinology</i> , 2014, 222, 257-266.	1.2	24
74	Inhibiting 11 $\beta$ -hydroxysteroid dehydrogenase type 1 prevents stress effects on hippocampal synaptic plasticity and impairs contextual fear conditioning. <i>Neuropharmacology</i> , 2014, 81, 231-236.	2.0	28
75	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
76	Displacement of Cortisol From Human Heart by Acute Administration of a Mineralocorticoid Receptor Antagonist. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 915-922.	1.8	23
77	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
78	Tissue-specific dysregulation of 11 $\beta$ -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
79	Activation of the Hypothalamic-Pituitary-Adrenal Axis in Adults With Mineralocorticoid Receptor Haploinsufficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1586-E1591.	1.8	10
80	Treatment and health outcomes in adults with congenital adrenal hyperplasia. <i>Nature Reviews Endocrinology</i> , 2014, 10, 115-124.	4.3	82
81	Tissue-specific dysregulation of cortisol regeneration by 11 $\beta$ HSD1 in obesity: has it promised too much?. <i>Diabetologia</i> , 2014, 57, 1100-1110.	2.9	45
82	PPO.21...Altered maternal hypothalamic-pituitary-adrenal axis activity in obese pregnancy: a potential mechanism underlying macrosomia and prolonged pregnancy. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2014, 99, A157.1-A157.	1.4	3
83	Unhealthy lifestyle in early psychoses: The role of life stress and the hypothalamic-pituitary-adrenal axis. <i>Psychoneuroendocrinology</i> , 2014, 39, 1-10.	1.3	41
84	21 $\beta$ ...Immediate Pharmacological Inhibition of Local Glucocorticoid Generation increases Angiogenesis and Improves Cardiac Function after Myocardial Infarction. <i>Heart</i> , 2014, 100, A118.1-A118.	1.2	3
85	11 $\beta$ -HSD1 Inhibitors for the Treatment of Type 2 Diabetes and Cardiovascular Disease. <i>Drugs</i> , 2013, 73, 1385-1393.	4.9	73
86	11 $\beta$ -Hydroxysteroid dehydrogenase type 1 contributes to the regulation of 7 $\alpha$ -oxysterol levels in the arterial wall through the inter-conversion of 7-ketocholesterol and 7 $\beta$ -hydroxycholesterol. <i>Biochimie</i> , 2013, 95, 548-555.	1.3	26
87	11 $\beta$ -Hydroxysteroid dehydrogenase type 1 contributes to the balance between 7-keto- and 7-hydroxy-oxysterols in vivo. <i>Biochemical Pharmacology</i> , 2013, 86, 146-153.	2.0	29
88	Mass Spectrometry Imaging for Dissecting Steroid Intracrinology within Target Tissues. <i>Analytical Chemistry</i> , 2013, 85, 11576-11584.	3.2	109
89	Measurement of tamsulosin in human serum by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 930, 121-128.	1.2	6
90	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

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91	11 $\beta$ -hydroxysteroid dehydrogenase type 1 deficiency in bone marrow-derived cells reduces atherosclerosis. <i>FASEB Journal</i> , 2013, 27, 1519-1531.	0.2	41
92	Reduced Cortisol Metabolism during Critical Illness. <i>New England Journal of Medicine</i> , 2013, 368, 1477-1488.	13.9	468
93	Reduced Cortisol Metabolism during Critical Illness. <i>New England Journal of Medicine</i> , 2013, 369, 479-481.	13.9	13
94	Individual multi-locus heterozygosity is associated with lower morning plasma cortisol concentrations. <i>European Journal of Endocrinology</i> , 2013, 169, 59-64.	1.9	22
95	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
96	The role and regulation of 11 $\beta$ -hydroxysteroid dehydrogenase type 1 in obesity and the metabolic syndrome. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2013, 15, 37-48.	0.3	26
97	Evaluation of an FFQ to assess total energy and nutrient intakes in severely obese pregnant women. <i>Public Health Nutrition</i> , 2013, 16, 1427-1435.	1.1	4
98	Increased Skeletal Muscle 11 $\beta$ HSD1 mRNA Is Associated with Lower Muscle Strength in Ageing. <i>PLoS ONE</i> , 2013, 8, e84057.	1.1	24
99	Increased Angiogenesis Protects against Adipose Hypoxia and Fibrosis in Metabolic Disease-resistant 11 $\beta$ -Hydroxysteroid Dehydrogenase Type 1 (HSD1)-deficient Mice. <i>Journal of Biological Chemistry</i> , 2012, 287, 4188-4197.	1.6	82
100	Targeting endogenous glucocorticoids in degenerative disease. <i>Clinical Medicine</i> , 2012, 12, s58-s62.	0.8	0
101	Contribution of Endogenous Glucocorticoids and Their Intravascular Metabolism by 11 $\beta$ -HSDs to Postangioplasty Neointimal Proliferation in Mice. <i>Endocrinology</i> , 2012, 153, 5896-5905.	1.4	17
102	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
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 $\beta$ -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	Optimal Elevation of $\beta$ -Cell 11 $\beta$ -Hydroxysteroid Dehydrogenase Type 1 Is a Compensatory Mechanism That Prevents High-Fat Diet-Induced $\beta$ -Cell Failure. <i>Diabetes</i> , 2012, 61, 642-652.	0.3	26
106	Glucocorticoid treatment and impaired mood, memory and metabolism in people with diabetes: the Edinburgh Type 2 Diabetes Study. <i>European Journal of Endocrinology</i> , 2012, 166, 861-868.	1.9	21
107	Leptin Levels and Depressive Symptoms in People With Type 2 Diabetes. <i>Psychosomatic Medicine</i> , 2012, 74, 39-45.	1.3	23
108	11 $\beta$ -hydroxysteroid dehydrogenase type 1, brain atrophy and cognitive decline. <i>Neurobiology of Aging</i> , 2012, 33, 207.e1-207.e8.	1.5	23

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109	Quantitative 3-Dimensional Imaging of Murine Neointimal and Atherosclerotic Lesions by Optical Projection Tomography. <i>PLoS ONE</i> , 2011, 6, e16906.	1.1	17
110	Reduced glucocorticoids exhibit dissociated anti-inflammatory and metabolic effects. <i>British Journal of Pharmacology</i> , 2011, 164, 1661-1671.	2.7	19
111	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
112	Reduced Gluteal Expression of Adipogenic and Lipogenic Genes in Black South African Women Is Associated with Obesity-Related Insulin Resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E2029-E2033.	1.8	36
113	Increased Whole-Body and Sustained Liver Cortisol Regeneration by 11 $\beta$ -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
114	A combination of polymorphisms in HSD11B1 associates with in vivo 11 $\beta$ -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
115	Low serum cortisol predicts early death after acute myocardial infarction. <i>Critical Care Medicine</i> , 2010, 38, 973-975.	0.4	24
116	Modulation of 11 $\beta$ -hydroxysteroid dehydrogenase type 1 activity by 1,5-substituted 1H-tetrazoles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 3265-3271.	1.0	23
117	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
118	Morning Cortisol Levels and Cognitive Abilities in People With Type 2 Diabetes. <i>Diabetes Care</i> , 2010, 33, 714-720.	4.3	68
119	Partial Deficiency or Short-Term Inhibition of 11 $\beta$ -Hydroxysteroid Dehydrogenase Type 1 Improves Cognitive Function in Aging Mice. <i>Journal of Neuroscience</i> , 2010, 30, 13867-13872.	1.7	76
120	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
121	Improved heart function follows enhanced inflammatory cell recruitment and angiogenesis in 11 $\beta$ HSD1-deficient mice post-MI. <i>Cardiovascular Research</i> , 2010, 88, 159-167.	1.8	61
122	Glucocorticoids Turn Over Slowly in Human Adipose Tissue <i>in Vivo</i> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 4696-4702.	1.8	29
123	Functional Effects of Polymorphisms in the Human Gene Encoding 11 $\beta$ -Hydroxysteroid Dehydrogenase Type 1 (11 $\beta$ -HSD1): A Sequence Variant at the Translation Start of 11 $\beta$ -HSD1 Alters Enzyme Levels. <i>Endocrinology</i> , 2010, 151, 195-202.	1.4	26
124	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
125	Effects of Proportions of Dietary Macronutrients on Glucocorticoid Metabolism in Diet-Induced Obesity in Rats. <i>PLoS ONE</i> , 2010, 5, e8779.	1.1	9
126	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



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127	Tissue-Specific Increases in 11 $\beta$ -Hydroxysteroid Dehydrogenase Type 1 in Normal Weight Postmenopausal Women. <i>PLoS ONE</i> , 2009, 4, e8475.	1.1	32
128	Programming of Hypertension. <i>Hypertension</i> , 2009, 53, 932-936.	1.3	44
129	Cortisol Release From Adipose Tissue by 11 $\beta$ -Hydroxysteroid Dehydrogenase Type 1 in Humans. <i>Diabetes</i> , 2009, 58, 46-53.	0.3	98
130	Circulating plasma cortisol concentrations are not associated with coronary artery disease or peripheral vascular disease. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2009, 102, 469-475.	0.2	17
131	Dysregulation of glucocorticoid metabolism in murine obesity: comparable effects of leptin resistance and deficiency. <i>Journal of Endocrinology</i> , 2009, 201, 211-218.	1.2	26
132	Cortisol Inactivation by 11 $\beta$ -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
133	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
134	Lack of regulation of 11 $\beta$ -hydroxysteroid dehydrogenase type 1 during short-term manipulation of GH in patients with hypopituitarism. <i>European Journal of Endocrinology</i> , 2009, 161, 375-380.	1.9	5
135	Insulin Response in Relation to Insulin Sensitivity. <i>Diabetes Care</i> , 2009, 32, 860-865.	4.3	92
136	Therapeutic manipulation of glucocorticoid metabolism in cardiovascular disease. <i>British Journal of Pharmacology</i> , 2009, 156, 689-712.	2.7	100
137	Quantitative analysis of RU38486 (mifepristone) by HPLC triple quadrupole mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 497-501.	1.2	7
138	11-Beta-hydroxysteroid dehydrogenase type 1 (11 $\beta$ -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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