

Brian R Walker

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

251
papers

17,569
citations

71
h-index

126
g-index

259
ext. papers

19,237
ext. citations

6.9
avg, IF

6.54
L-index

#	Paper	IF	Citations
251	ABCC1 modulates negative feedback control of the hypothalamic-pituitary-adrenal axis in vivo in humans.. <i>Metabolism: Clinical and Experimental</i> , 2022 , 128, 155118	12.7	0
250	Heritability of Urinary Amines, Organic Acids, and Steroid Hormones in Children. <i>Metabolites</i> , 2022 , 12, 474	5.6	0
249	Identification of human glucocorticoid response markers using integrated multi-omic analysis from a randomized crossover trial. <i>ELife</i> , 2021 , 10,	8.9	5
248	Carbonyl reductase 1 amplifies glucocorticoid action in adipose tissue and impairs glucose tolerance in lean mice. <i>Molecular Metabolism</i> , 2021 , 48, 101225	8.8	0
247	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	5.6	1
246	Associations Between and Polymorphisms, and Cardiometabolic Risk Factors in Black South Africans. <i>Frontiers in Genetics</i> , 2021 , 12, 687335	4.5	1
245	Glucocorticoids associate with cardiometabolic risk factors in black South Africans. <i>Endocrine Connections</i> , 2021 , 10, 873-884	3.5	0
244	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	4.3	12
243	Enhanced Angiogenesis by 11 β SD1 Blockage Is Insufficient to Improve Reperfusion Following Hindlimb Ischaemia.. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 795823	5.4	
242	Long-Term Stability of Cortisol Production and Metabolism Throughout Adolescence: Longitudinal Twin Study. <i>Twin Research and Human Genetics</i> , 2020 , 23, 33-38	2.2	1
241	Sexual dimorphism in cortisol metabolism throughout pubertal development: a longitudinal study. <i>Endocrine Connections</i> , 2020 , 9, 542-551	3.5	6
240	Diet-induced weight loss alters hepatic glucocorticoid metabolism in type 2 diabetes mellitus. <i>European Journal of Endocrinology</i> , 2020 , 182, 447-457	6.5	2
239	GDF15 Is Elevated in Conditions of Glucocorticoid Deficiency and Is Modulated by Glucocorticoid Replacement. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	4
238	Heritability of Cortisol Production and Metabolism Throughout Adolescence. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	5
237	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,	5.6	4
236	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	5.1	10
235	Role of Hepatic Glucocorticoid Receptor in Metabolism in Models of 5 β R1 Deficiency in Male Mice. <i>Endocrinology</i> , 2019 , 160, 2061-2073	4.8	2

234	Incidence of type 2 diabetes mellitus in men receiving steroid 5 β -reductase inhibitors: population based cohort study. <i>BMJ, The</i> , 2019 , 365, l1204	5.9	18
233	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	5.6	15
232	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	6.5	30
231	Neutrophil elastase-cleaved corticosteroid-binding globulin is absent in human plasma. <i>Journal of Endocrinology</i> , 2019 , 240, 27-39	4.7	3
230	Quantification of 11 β 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	6	11
229	11 β -hydroxysteroid dehydrogenase-1 deficiency or inhibition enhances hepatic myofibroblast activation in murine liver fibrosis. <i>Hepatology</i> , 2018 , 67, 2167-2181	11.2	9
228	Susceptibility to corticosteroid-induced adrenal suppression: a genome-wide association study. <i>Lancet Respiratory Medicine</i> , 2018 , 6, 442-450	35.1	38
227	Dysregulation of Cortisol Metabolism in Equine Pituitary Pars Intermedia Dysfunction. <i>Endocrinology</i> , 2018 , 159, 3791-3800	4.8	11
226	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	2.5	75
225	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	24.6	59
224	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	6.7	30
223	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	4.7	22
222	Whole-Genome Sequencing Coupled to Imputation Discovers Genetic Signals for Anthropometric Traits. <i>American Journal of Human Genetics</i> , 2017 , 100, 865-884	11	74
221	Inhibition or deletion of 11 β HSD1 does not increase angiogenesis in ischemic retinopathy. <i>Diabetes and Metabolism</i> , 2017 , 43, 480-483	5.4	0
220	Safer topical treatment for inflammation using 5 β tetrahydrocorticosterone in mouse models. <i>Biochemical Pharmacology</i> , 2017 , 129, 73-84	6	3
219	Selection and early clinical evaluation of the brain-penetrant 11 β hydroxysteroid dehydrogenase type 1 (11 β HSD1) inhibitor UE2343 (Xanamem \textregistered). <i>British Journal of Pharmacology</i> , 2017 , 174, 396-408	8.6	25
218	Acute interaction between hydrocortisone and insulin alters the plasma metabolome in humans. <i>Scientific Reports</i> , 2017 , 7, 11488	4.9	4
217	Carbonyl reductase 1 catalyzes 20 β -reduction of glucocorticoids, modulating receptor activation and metabolic complications of obesity. <i>Scientific Reports</i> , 2017 , 7, 10633	4.9	11

216	Gas chromatography tandem mass spectrometry offers advantages for urinary steroids analysis. <i>Analytical Biochemistry</i> , 2017 , 538, 34-37	3.1	21
215	The low single nucleotide polymorphism heritability of plasma and saliva cortisol levels. <i>Psychoneuroendocrinology</i> , 2017 , 85, 88-95	5	13
214	Plasma metabolomic profile varies with glucocorticoid dose in patients with congenital adrenal hyperplasia. <i>Scientific Reports</i> , 2017 , 7, 17092	4.9	6
213	Hair Cortisol in Twins: Heritability and Genetic Overlap with Psychological Variables and Stress-System Genes. <i>Scientific Reports</i> , 2017 , 7, 15351	4.9	33
212	Metabolic dysfunction in female mice with disruption of 5 β -reductase 1. <i>Journal of Endocrinology</i> , 2017 , 232, 29-36	4.7	10
211	Decreased maternal hypothalamic-pituitary-adrenal axis activity in very severely obese pregnancy: Associations with birthweight and gestation at delivery. <i>Psychoneuroendocrinology</i> , 2016 , 63, 135-43	5	39
210	Glucocorticoids Acutely Increase Brown Adipose Tissue Activity in Humans, Revealing Species-Specific Differences in UCP-1 Regulation. <i>Cell Metabolism</i> , 2016 , 24, 130-41	24.6	102
209	ABCC1 confers tissue-specific sensitivity to cortisol versus corticosterone: A rationale for safer glucocorticoid replacement therapy. <i>Science Translational Medicine</i> , 2016 , 8, 352ra109	17.5	28
208	Genetic identification of thiosulfate sulfurtransferase as an adipocyte-expressed antidiabetic target in mice selected for leanness. <i>Nature Medicine</i> , 2016 , 22, 771-9	50.5	33
207	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	6.2	47
206	Systematic review and meta-analysis reveals acutely elevated plasma cortisol following fasting but not less severe calorie restriction. <i>Stress</i> , 2016 , 19, 151-7	3	34
205	Cardiomyocyte and Vascular Smooth Muscle-Independent 11 β -Hydroxysteroid Dehydrogenase 1 Amplifies Infarct Expansion, Hypertrophy, and the Development of Heart Failure After Myocardial Infarction in Male Mice. <i>Endocrinology</i> , 2016 , 157, 346-57	4.8	22
204	Vascular Dysfunction in Horses with Endocrinopathic Laminitis. <i>PLoS ONE</i> , 2016 , 11, e0163815	3.7	22
203	Adrenal insufficiency in patients on long-term opioid analgesia. <i>Clinical Endocrinology</i> , 2016 , 85, 831-835	3.4	30
202	The prevalence of structural pituitary abnormalities by MRI scanning in men presenting with isolated hypogonadotropic hypogonadism. <i>Clinical Endocrinology</i> , 2016 , 84, 858-61	3.4	17
201	Aromatase Inhibition Reduces Insulin Sensitivity in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 2040-6	5.6	28
200	11 β -Hydroxysteroid Dehydrogenase Type 1 Is Expressed in Neutrophils and Restrains an Inflammatory Response in Male Mice. <i>Endocrinology</i> , 2016 , 157, 2928-36	4.8	19
199	Spatial Localization and Quantitation of Androgens in Mouse Testis by Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2016 , 88, 10362-10367	7.8	40

198	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016 , 538, 248-252.	52.4	266
197	Metformin Increases Cortisol Regeneration by 11 β HSD1 in Obese Men With and Without Type 2 Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 3787-3793	5.6	10
196	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, 778-86	18.1	170
195	Simultaneous pharmacokinetic and pharmacodynamic analysis of 5 β Reductase inhibitors and androgens by liquid chromatography tandem mass spectrometry. <i>Talanta</i> , 2015 , 131, 728-35	6.2	15
194	Efficacy of metformin in pregnant obese women: a randomised controlled trial. <i>BMJ Open</i> , 2015 , 5, e006854	3.54	14
193	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, 4592-603	4.8	31
192	Convergence in insulin resistance between very severely obese and lean women at the end of pregnancy. <i>Diabetologia</i> , 2015 , 58, 2615-26	10.3	23
191	Intrahippocampal glucocorticoids generated by 11 β HSD1 affect memory in aged mice. <i>Neurobiology of Aging</i> , 2015 , 36, 334-43	5.6	27
190	5 β Reductase type 1 deficiency or inhibition predisposes to insulin resistance, hepatic steatosis, and liver fibrosis in rodents. <i>Diabetes</i> , 2015 , 64, 447-58	0.9	52
189	Generation and 3-Dimensional Quantitation of Arterial Lesions in Mice Using Optical Projection Tomography. <i>Journal of Visualized Experiments</i> , 2015 , e50627	1.6	3
188	Health Behaviours during Pregnancy in Women with Very Severe Obesity. <i>Nutrients</i> , 2015 , 7, 8431-43	6.7	16
187	Short-term inhibition of 11 β hydroxysteroid dehydrogenase type 1 reversibly improves spatial memory but persistently impairs contextual fear memory in aged mice. <i>Neuropharmacology</i> , 2015 , 91, 71-6	5.5	15
186	11 β 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, 483-9	5.6	10
185	Inhibiting 11 β hydroxysteroid dehydrogenase type 1 prevents stress effects on hippocampal synaptic plasticity and impairs contextual fear conditioning. <i>Neuropharmacology</i> , 2014 , 81, 231-6	5.5	21
184	Visceral and subcutaneous fat have different origins and evidence supports a mesothelial source. <i>Nature Cell Biology</i> , 2014 , 16, 367-75	23.4	334
183	Displacement of cortisol from human heart by acute administration of a mineralocorticoid receptor antagonist. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 915-22	5.6	21
182	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	5.6	44
181	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	6.5	29

180	Activation of the hypothalamic-pituitary-adrenal axis in adults with mineralocorticoid receptor haploinsufficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E1586-91	5.6	6
179	Treatment and health outcomes in adults with congenital adrenal hyperplasia. <i>Nature Reviews Endocrinology</i> , 2014 , 10, 115-24	15.2	57
178	Tissue-specific dysregulation of cortisol regeneration by 11 β SD1 in obesity: has it promised too much?. <i>Diabetologia</i> , 2014 , 57, 1100-10	10.3	29
177	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	4.7	2
176	Unhealthy lifestyle in early psychoses: the role of life stress and the hypothalamic-pituitary-adrenal axis. <i>Psychoneuroendocrinology</i> , 2014 , 39, 1-10	5	33
175	216 Immediate Pharmacological Inhibition of Local Glucocorticoid Generation increases Angiogenesis and Improves Cardiac Function after Myocardial Infarction. <i>Heart</i> , 2014 , 100, A118.1-A118	5.1	2
174	Elevated hepatic 11 β 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, 3817-22	11.5	23
173	5 β reductase type 1 modulates insulin sensitivity in men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E1397-406	5.6	56
172	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	6	71
171	Relative adrenal insufficiency in mice deficient in 5 β reductase 1. <i>Journal of Endocrinology</i> , 2014 , 222, 257-66	4.7	19
170	11 β HSD1 inhibitors for the treatment of type 2 diabetes and cardiovascular disease. <i>Drugs</i> , 2013 , 73, 1385-93	12.1	63
169	11 β Hydroxysteroid dehydrogenase type 1 contributes to the regulation of 7-oxysterol levels in the arterial wall through the inter-conversion of 7-ketocholesterol and 7 β hydroxycholesterol. <i>Biochimie</i> , 2013 , 95, 548-55	4.6	22
168	11 β Hydroxysteroid dehydrogenase type 1 contributes to the balance between 7-keto- and 7-hydroxy-oxysterols in vivo. <i>Biochemical Pharmacology</i> , 2013 , 86, 146-53	6	22
167	Mass spectrometry imaging for dissecting steroid intracrinology within target tissues. <i>Analytical Chemistry</i> , 2013 , 85, 11576-84	7.8	86
166	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, 121-8 ²	3.2	4
165	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, E346-54	5.6	65
164	11 β hydroxysteroid dehydrogenase type 1 deficiency in bone marrow-derived cells reduces atherosclerosis. <i>FASEB Journal</i> , 2013 , 27, 1519-31	0.9	37
163	Reduced cortisol metabolism during critical illness. <i>New England Journal of Medicine</i> , 2013 , 368, 1477-88	59.2	378

162	Reduced cortisol metabolism during critical illness. <i>New England Journal of Medicine</i> , 2013 , 369, 481	59.2	7
161	Individual multi-locus heterozygosity is associated with lower morning plasma cortisol concentrations. <i>European Journal of Endocrinology</i> , 2013 , 169, 59-64	6.5	16
160	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, 887-93	6.5	51
159	The role and regulation of 11 β hydroxysteroid dehydrogenase type 1 in obesity and the metabolic syndrome. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2013 , 15, 37-48	1.3	21
158	Evaluation of an FFQ to assess total energy and nutrient intakes in severely obese pregnant women. <i>Public Health Nutrition</i> , 2013 , 16, 1427-35	3.3	2
157	Increased skeletal muscle 11 β HSD1 mRNA is associated with lower muscle strength in ageing. <i>PLoS ONE</i> , 2013 , 8, e84057	3.7	17
156	Leptin levels and depressive symptoms in people with type 2 diabetes: the edinburgh type 2 diabetes study. <i>Psychosomatic Medicine</i> , 2012 , 74, 39-45	3.7	20
155	11 β hydroxysteroid dehydrogenase type 1, brain atrophy and cognitive decline. <i>Neurobiology of Aging</i> , 2012 , 33, 207.e1-8	5.6	18
154	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, 4188-97	5.4	66
153	Targeting endogenous glucocorticoids in degenerative disease. <i>Clinical Medicine</i> , 2012 , 12, s58-s62	1.9	
152	Contribution of endogenous glucocorticoids and their intravascular metabolism by 11 β HSDs to postangioplasty neointimal proliferation in mice. <i>Endocrinology</i> , 2012 , 153, 5896-905	4.8	17
151	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, 1072-81	0.9	73
150	Recycling between cortisol and cortisone in human splanchnic, subcutaneous adipose, and skeletal muscle tissues in vivo. <i>Diabetes</i> , 2012 , 61, 1357-64	0.9	51
149	Salicylate downregulates 11 β HSD1 expression in adipose tissue in obese mice and in humans, mediating insulin sensitization. <i>Diabetes</i> , 2012 , 61, 790-6	0.9	48
148	Optimal elevation of β cell 11 β hydroxysteroid dehydrogenase type 1 is a compensatory mechanism that prevents high-fat diet-induced β cell failure. <i>Diabetes</i> , 2012 , 61, 642-52	0.9	25
147	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, 861-8	6.5	16
146	Quantitative 3-dimensional imaging of murine neointimal and atherosclerotic lesions by optical projection tomography. <i>PLoS ONE</i> , 2011 , 6, e16906	3.7	16
145	5 β reduced glucocorticoids exhibit dissociated anti-inflammatory and metabolic effects. <i>British Journal of Pharmacology</i> , 2011 , 164, 1661-71	8.6	13

144	Genetics of cortisol secretion and depressive symptoms: a candidate gene and genome wide association approach. <i>Psychoneuroendocrinology</i> , 2011 , 36, 1053-61	5	75
143	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, E2029-33	5.6	27
142	Increased whole-body and sustained liver cortisol regeneration by 11beta-hydroxysteroid dehydrogenase type 1 in obese men with type 2 diabetes provides a target for enzyme inhibition. <i>Diabetes</i> , 2011 , 60, 720-5	0.9	52
141	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, 283-92	6.5	40
140	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, 1602-8	5.6	76
139	Morning cortisol levels and cognitive abilities in people with type 2 diabetes: the Edinburgh type 2 diabetes study. <i>Diabetes Care</i> , 2010 , 33, 714-20	14.6	60
138	Partial deficiency or short-term inhibition of 11beta-hydroxysteroid dehydrogenase type 1 improves cognitive function in aging mice. <i>Journal of Neuroscience</i> , 2010 , 30, 13867-72	6.6	66
137	Health status of adults with congenital adrenal hyperplasia: a cohort study of 203 patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 5110-21	5.6	314
136	Improved heart function follows enhanced inflammatory cell recruitment and angiogenesis in 11betaHSD1-deficient mice post-MI. <i>Cardiovascular Research</i> , 2010 , 88, 159-67	9.9	53
135	Glucocorticoids turn over slowly in human adipose tissue in vivo. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 4696-702	5.6	27
134	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	4.8	21
133	Bile acids modulate glucocorticoid metabolism and the hypothalamic-pituitary-adrenal axis in obstructive jaundice. <i>Journal of Hepatology</i> , 2010 , 52, 705-11	13.4	61
132	Low serum cortisol predicts early death after acute myocardial infarction. <i>Critical Care Medicine</i> , 2010 , 38, 973-5	1.4	22
131	Modulation of 11beta-hydroxysteroid dehydrogenase type 1 activity by 1,5-substituted 1H-tetrazoles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 3265-71	2.9	18
130	Effects of proportions of dietary macronutrients on glucocorticoid metabolism in diet-induced obesity in rats. <i>PLoS ONE</i> , 2010 , 5, e8779	3.7	8
129	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	3.7	58
128	Tissue-specific increases in 11beta-hydroxysteroid dehydrogenase type 1 in normal weight postmenopausal women. <i>PLoS ONE</i> , 2009 , 4, e8475	3.7	28
127	Programming of hypertension: associations of plasma aldosterone in adult men and women with birthweight, cortisol, and blood pressure. <i>Hypertension</i> , 2009 , 53, 932-6	8.5	40

126	Cortisol release from adipose tissue by 11beta-hydroxysteroid dehydrogenase type 1 in humans. <i>Diabetes</i> , 2009 , 58, 46-53	0.9	84
125	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, 469-75	2.7	15
124	Dysregulation of glucocorticoid metabolism in murine obesity: comparable effects of leptin resistance and deficiency. <i>Journal of Endocrinology</i> , 2009 , 201, 211-8	4.7	22
123	Cortisol inactivation by 11beta-hydroxysteroid dehydrogenase-2 may enhance endometrial angiogenesis via reduced thrombospondin-1 in heavy menstruation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 1443-50	5.6	36
122	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, 1347-52	5.6	47
121	Lack of regulation of 11beta-hydroxysteroid dehydrogenase type 1 during short-term manipulation of GH in patients with hypopituitarism. <i>European Journal of Endocrinology</i> , 2009 , 161, 375-80	6.5	5
120	Insulin response in relation to insulin sensitivity: an appropriate beta-cell response in black South African women. <i>Diabetes Care</i> , 2009 , 32, 860-5	14.6	69
119	Therapeutic manipulation of glucocorticoid metabolism in cardiovascular disease. <i>British Journal of Pharmacology</i> , 2009 , 156, 689-712	8.6	83
118	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	3.2	5
117	11-Beta-hydroxysteroid dehydrogenase type 1 (11beta-HSD1) inhibitors in type 2 diabetes mellitus and obesity. <i>Expert Opinion on Investigational Drugs</i> , 2008 , 17, 481-96	5.9	75
116	Glucocorticoids and fatty acid metabolism in humans: fuelling fat redistribution in the metabolic syndrome. <i>Journal of Endocrinology</i> , 2008 , 197, 189-204	4.7	260
115	11βHydroxysteroid Dehydrogenase Type 1 and Obesity 2007 , 175-196		
114	Glucocorticoids and cardiovascular disease. <i>European Journal of Endocrinology</i> , 2007 , 157, 545-59	6.5	360
113	Discovery and biological evaluation of adamantyl amide 11beta-HSD1 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 2838-43	2.9	44
112	Omental 11beta-hydroxysteroid dehydrogenase 1 correlates with fat cell size independently of obesity. <i>Obesity</i> , 2007 , 15, 1155-63	8	87
111	Intra-adipose sex steroid metabolism and body fat distribution in idiopathic human obesity. <i>Clinical Endocrinology</i> , 2007 , 66, 440-6	3.4	134
110	Intravascular glucocorticoid metabolism during inflammation and injury in mice. <i>Endocrinology</i> , 2007 , 148, 166-72	4.8	21
109	Effects of peroxisome proliferator-activated receptor-alpha and -gamma agonists on 11beta-hydroxysteroid dehydrogenase type 1 in subcutaneous adipose tissue in men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 1848-56	5.6	36

108	Acute effects of glucocorticoids on endothelial fibrinolytic and vasodilator function in humans. <i>Journal of Cardiovascular Pharmacology</i> , 2007 , 50, 321-6	3.1	11
107	Dietary macronutrient content alters cortisol metabolism independently of body weight changes in obese men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 4480-4	5.6	61
106	Extra-adrenal regeneration of glucocorticoids by 11beta-hydroxysteroid dehydrogenase type 1: physiological regulator and pharmacological target for energy partitioning. <i>Proceedings of the Nutrition Society</i> , 2007 , 66, 1-8	2.9	35
105	Acute in vivo regulation of 11beta-hydroxysteroid dehydrogenase type 1 activity by insulin and intralipid infusions in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 4682-8	5.6	50
104	Genetic variation in 11beta-hydroxysteroid dehydrogenase type 1 predicts adrenal hyperandrogenism among lean women with polycystic ovary syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 2295-302	5.6	62
103	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, 2015-20	0.9	120
102	Inhibition of 11beta-hydroxysteroid dehydrogenase type 1 in obesity. <i>Endocrine</i> , 2006 , 29, 101-8		26
101	Polymorphisms in the gene encoding 11B-hydroxysteroid dehydrogenase type 1 (HSD11B1) and lifetime cognitive change. <i>Neuroscience Letters</i> , 2006 , 393, 74-7	3.3	12
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