

Brian R Walker

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3552392/brian-r-walker-publications-by-citations.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Minireview: 11beta-hydroxysteroid dehydrogenase type 1- a tissue-specific amplifier of glucocorticoid action. <i>Endocrinology</i> , 2001 , 142, 1371-6	4.8	606
250	Tissue-specific dysregulation of cortisol metabolism in human obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 1418-21	5.6	515
249	Taking glucocorticoids by prescription is associated with subsequent cardiovascular disease. <i>Annals of Internal Medicine</i> , 2004 , 141, 764-70	8	466
248	Glucocorticoids and insulin resistance: old hormones, new targets. <i>Clinical Science</i> , 1999 , 96, 513-23	6.5	439
247	Novel adipose tissue-mediated resistance to diet-induced visceral obesity in 11 beta-hydroxysteroid dehydrogenase type 1-deficient mice. <i>Diabetes</i> , 2004 , 53, 931-8	0.9	438
246	Adrenocortical, autonomic, and inflammatory causes of the metabolic syndrome: nested case-control study. <i>Circulation</i> , 2002 , 106, 2659-65	16.7	413
245	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	4.7	406
244	Reduced cortisol metabolism during critical illness. <i>New England Journal of Medicine</i> , 2013 , 368, 1477-88	59.2	378
243	Glucocorticoids and cardiovascular disease. <i>European Journal of Endocrinology</i> , 2007 , 157, 545-59	6.5	360
242	Low birth weight predicts elevated plasma cortisol concentrations in adults from 3 populations. <i>Hypertension</i> , 2000 , 35, 1301-6	8.5	336
241	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
240	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
239	Tissue-specific changes in peripheral cortisol metabolism in obese women: increased adipose 11beta-hydroxysteroid dehydrogenase type 1 activity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 3330-6	5.6	310
238	Understanding the role of glucocorticoids in obesity: tissue-specific alterations of corticosterone metabolism in obese Zucker rats. <i>Endocrinology</i> , 2000 , 141, 560-3	4.8	301
237	Obesity and gender influence cortisol secretion and metabolism in man. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 1806-9	5.6	299
236	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016 , 538, 248-252	52.4	266
235	Altered control of cortisol secretion in adult men with low birth weight and cardiovascular risk factors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 245-50	5.6	265

234	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
233	Glucocorticoids and insulin resistance: old hormones, new targets. <i>Clinical Science</i> , 1999 , 96, 513	6.5	241
232	Minireview: 11β-Hydroxysteroid Dehydrogenase Type 1α Tissue-Specific Amplifier of Glucocorticoid Action		227
231	Effects of the 11 beta-hydroxysteroid dehydrogenase inhibitor carbenoxolone on insulin sensitivity in men with type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 285-91	5.6	217
230	Adult cardiovascular risk factors in premature babies. <i>Lancet, The</i> , 2000 , 355, 2135-6	4.0	217
229	11β-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, 6734-9	11.5	214
228	Subcutaneous adipose 11 beta-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, 2738-44	5.6	207
227	Local and systemic impact of transcriptional up-regulation of 11β-hydroxysteroid dehydrogenase type 1 in adipose tissue in human obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 3983-8	5.6	191
226	Glucocorticoids and 11β-hydroxysteroid dehydrogenase in adipose tissue. <i>Endocrine Reviews</i> , 2004 , 59, 359-93		191
225	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
224	Deficient inactivation of cortisol by 11 beta-hydroxysteroid dehydrogenase in essential hypertension. <i>Clinical Endocrinology</i> , 1993 , 39, 221-7	3.4	162
223	Increased in vivo regeneration of cortisol in adipose tissue in human obesity and effects of the 11β-hydroxysteroid dehydrogenase type 1 inhibitor carbenoxolone. <i>Diabetes</i> , 2005 , 54, 872-9	0.9	159
222	Mineralocorticoid excess and inhibition of 11 beta-hydroxysteroid dehydrogenase in patients with ectopic ACTH syndrome. <i>Clinical Endocrinology</i> , 1992 , 37, 483-92	3.4	157
221	Increased glucocorticoid activity in men with cardiovascular risk factors. <i>Hypertension</i> , 1998 , 31, 891-5	8.5	154
220	Body fat distribution and cortisol metabolism in healthy men: enhanced 5β-reductase and lower cortisol/cortisone metabolite ratios in men with fatty liver. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 4924-31	5.6	149
219	Abnormal cortisol metabolism and tissue sensitivity to cortisol in patients with glucose intolerance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 5587-93	5.6	144
218	Cortisol—cause and cure for metabolic syndrome?. <i>Diabetic Medicine</i> , 2006 , 23, 1281-8	3.5	137
217	Intra-adipose sex steroid metabolism and body fat distribution in idiopathic human obesity. <i>Clinical Endocrinology</i> , 2007 , 66, 440-6	3.4	134

216	11 beta-hydroxysteroid dehydrogenase in vascular smooth muscle and heart: implications for cardiovascular responses to glucocorticoids. <i>Endocrinology</i> , 1991 , 129, 3305-12	4.8	133
215	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	10.8	123
214	Seasonal variation in glucocorticoid activity in healthy men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997 , 82, 4015-9	5.6	120
213	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
212	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, 545-50	3.8	116
211	Licorice-Induced Hypertension and Syndromes of Apparent Mineralocorticoid Excess. <i>Endocrinology and Metabolism Clinics of North America</i> , 1994 , 23, 359-377	5.5	110
210	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, 171-8	6.5	109
209	Tissue production of cortisol by 11beta-hydroxysteroid dehydrogenase type 1 and metabolic disease. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1083, 165-84	6.5	104
208	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
207	11 beta-hydroxysteroid dehydrogenase type 1 as a modulator of glucocorticoid action: from metabolism to memory. <i>Trends in Endocrinology and Metabolism</i> , 2004 , 15, 418-24	8.8	100
206	Pathophysiology of modulation of local glucocorticoid levels by 11beta-hydroxysteroid dehydrogenases. <i>Trends in Endocrinology and Metabolism</i> , 2001 , 12, 446-53	8.8	100
205	Additional value of measurement of urinary cortisone and unconjugated cortisol metabolites in assessing the activity of 11 beta-hydroxysteroid dehydrogenase in vivo. <i>Clinical Endocrinology</i> , 1997 , 47, 231-6	3.4	98
204	Preventing local regeneration of glucocorticoids by 11beta-hydroxysteroid dehydrogenase type 1 enhances angiogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 12165-70	11.5	98
203	Omental 11beta-hydroxysteroid dehydrogenase 1 correlates with fat cell size independently of obesity. <i>Obesity</i> , 2007 , 15, 1155-63	8	87
202	Mass spectrometry imaging for dissecting steroid intracrinology within target tissues. <i>Analytical Chemistry</i> , 2013 , 85, 11576-84	7.8	86
201	11 beta-hydroxysteroid dehydrogenase type 1 in obesity and the metabolic syndrome. <i>Molecular and Cellular Endocrinology</i> , 2004 , 215, 45-54	4.4	85
200	The contribution of visceral adipose tissue to splanchnic cortisol production in healthy humans. <i>Diabetes</i> , 2005 , 54, 1364-70	0.9	85
199	Cortisol release from adipose tissue by 11beta-hydroxysteroid dehydrogenase type 1 in humans. <i>Diabetes</i> , 2009 , 58, 46-53	0.9	84

198	Increased glucocorticoid production and altered cortisol metabolism in women with mild to moderate Alzheimer's disease. <i>Biological Psychiatry</i> , 2001 , 49, 547-52	7.9	84
197	Therapeutic manipulation of glucocorticoid metabolism in cardiovascular disease. <i>British Journal of Pharmacology</i> , 2009 , 156, 689-712	8.6	83
196	11beta-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	10.3	82
195	11beta-hydroxysteroid dehydrogenase type 2 in mouse aorta: localization and influence on response to glucocorticoids. <i>Hypertension</i> , 2003 , 42, 580-7	8.5	79
194	Mechanisms of dysregulation of 11 beta-hydroxysteroid dehydrogenase type 1 in obese Zucker rats. <i>Journal of Endocrinology</i> , 2000 , 167, 533-9	4.7	78
193	Increased vasoconstrictor sensitivity to glucocorticoids in essential hypertension. <i>Hypertension</i> , 1996 , 27, 190-6	8.5	78
192	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, 685-92	4.7	77
191	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
190	Distinguishing the activities of 11beta-hydroxysteroid dehydrogenases in vivo using isotopically labeled cortisol. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 277-85	5.6	76
189	Genetics of cortisol secretion and depressive symptoms: a candidate gene and genome wide association approach. <i>Psychoneuroendocrinology</i> , 2011 , 36, 1053-61	5	75
188	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
187	Is 11beta-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, 167-72	4.7	75
186	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	3.5	75
185	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
184	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, 834-7		74
183	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
182	Cortisol metabolism in healthy young adults: sexual dimorphism in activities of A-ring reductases, but not 11beta-hydroxysteroid dehydrogenases. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 3316-21	5.6	72
181	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

180	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
179	Endothelial cell dysfunction in mice after transgenic knockout of type 2, but not type 1, 11beta-hydroxysteroid dehydrogenase. <i>Circulation</i> , 2001 , 104, 2832-7	16.7	67
178	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
177	Increased angiogenesis protects against adipose hypoxia and fibrosis in metabolic disease-resistant 11beta-hydroxysteroid dehydrogenase type 1 (HSD1)-deficient mice. <i>Journal of Biological Chemistry</i> , 2012 , 287, 4188-97	5.4	66
176	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
175	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, 2106-11	5.6	65
174	11beta-HSD1 inhibitors for the treatment of type 2 diabetes and cardiovascular disease. <i>Drugs</i> , 2013 , 73, 1385-93	12.1	63
173	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
172	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, 913-9	4.8	62
171	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
170	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
169	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, 1149-53	5.6	61
168	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
167	Influence of short-term dietary weight loss on cortisol secretion and metabolism in obese men. <i>European Journal of Endocrinology</i> , 2004 , 150, 185-94	6.5	60
166	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
165	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
164	Treatment and health outcomes in adults with congenital adrenal hyperplasia. <i>Nature Reviews Endocrinology</i> , 2014 , 10, 115-24	15.2	57
163	5beta-reductase type 1 modulates insulin sensitivity in men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E1397-406	5.6	56

162	Interaction between an 11betaHSD1 gene variant and birth era modifies the risk of hypertension in Pima Indians. <i>Hypertension</i> , 2004 , 44, 681-8	8.5	55
161	Human insulin resistance: the role of glucocorticoids. <i>Diabetes, Obesity and Metabolism</i> , 2003 , 5, 5-12	6.7	55
160	L-NMMA increases blood pressure in man. <i>Lancet, The</i> , 1993 , 342, 931-2	4.0	55
159	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
158	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
157	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
156	Interactions between oestradiol and glucocorticoid regulatory effects on liver-specific glucocorticoid-inducible genes: possible evidence for a role of hepatic 11beta-hydroxysteroid dehydrogenase type 1. <i>Journal of Endocrinology</i> , 1999 , 160, 103-9	4.7	52
155	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
154	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
153	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, 249-53	6.5	51
152	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
151	11beta-hydroxysteroid dehydrogenase type 1 as a novel therapeutic target in metabolic and neurodegenerative disease. <i>Expert Opinion on Therapeutic Targets</i> , 2003 , 7, 771-83	6.4	49
150	Salicylate downregulates 11HSD1 expression in adipose tissue in obese mice and in humans, mediating insulin sensitization. <i>Diabetes</i> , 2012 , 61, 790-6	0.9	48
149	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
148	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
147	Glucocorticoid metabolism and adrenocortical reactivity to ACTH in myotonic dystrophy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 4276-83	5.6	47
146	Microvascular correlates of blood pressure, plasma glucose, and insulin resistance in health. <i>Cardiovascular Research</i> , 2002 , 53, 271-6	9.9	47
145	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

144	Discovery and biological evaluation of adamantyl amide 11beta-HSD1 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 2838-43	2.9	44
143	11 beta-Hydroxysteroid dehydrogenase and enzyme-mediated receptor protection: life after liquorice?. <i>Clinical Endocrinology</i> , 1991 , 35, 281-9	3.4	44
142	Predicting cardiovascular risk factors from plasma cortisol measured during oral glucose tolerance tests. <i>Metabolism: Clinical and Experimental</i> , 2003 , 52, 524-7	12.7	43
141	Skeletal muscle glucocorticoid receptor density and insulin resistance. <i>JAMA - Journal of the American Medical Association</i> , 2002 , 287, 2505-6	27.4	42
140	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
139	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
138	Activation of the hypothalamic-pituitary-adrenal axis in obesity: cause or consequence?. <i>Growth Hormone and IGF Research</i> , 2001 , 11 Suppl A, S91-5	2	40
137	Spatial Localization and Quantitation of Androgens in Mouse Testis by Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2016 , 88, 10362-10367	7.8	40
136	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
135	Susceptibility to corticosteroid-induced adrenal suppression: a genome-wide association study. <i>Lancet Respiratory Medicine</i> , 2018 , 6, 442-450	35.1	38
134	11beta-Hydroxysteroid dehydrogenase type 1 deficiency in bone marrow-derived cells reduces atherosclerosis. <i>FASEB Journal</i> , 2013 , 27, 1519-31	0.9	37
133	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
132	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
131	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
130	5alpha-reduced glucocorticoids, novel endogenous activators of the glucocorticoid receptor. <i>Journal of Biological Chemistry</i> , 2004 , 279, 22908-12	5.4	35
129	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
128	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
127	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

126	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
125	Development-related increase in cortisol biosynthesis by human granulosa cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 4728-33	5.6	33
124	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
123	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
122	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
121	Adrenal insufficiency in patients on long-term opioid analgesia. <i>Clinical Endocrinology</i> , 2016 , 85, 831-835	3.4	30
120	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
119	Tissue-specific dysregulation of cortisol regeneration by 11 β -HSD1 in obesity: has it promised too much?. <i>Diabetologia</i> , 2014 , 57, 1100-10	10.3	29
118	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
117	Tissue-specific increases in 11 β -hydroxysteroid dehydrogenase type 1 in normal weight postmenopausal women. <i>PLoS ONE</i> , 2009 , 4, e8475	3.7	28
116	Aromatase Inhibition Reduces Insulin Sensitivity in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 2040-6	5.6	28
115	Intrahippocampal glucocorticoids generated by 11 β -HSD1 affect memory in aged mice. <i>Neurobiology of Aging</i> , 2015 , 36, 334-43	5.6	27
114	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
113	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
112	Inhibition of 11 β -hydroxysteroid dehydrogenase type 1 in obesity. <i>Endocrine</i> , 2006 , 29, 101-8		26
111	Selection and early clinical evaluation of the brain-penetrant 11 β -hydroxysteroid dehydrogenase type 1 (11 β -HSD1) inhibitor UE2343 (Xanamem [®]). <i>British Journal of Pharmacology</i> , 2017 , 174, 396-408	8.6	25
110	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
109	Low birth weight predicts higher blood pressure but not dermal capillary density in two populations. <i>Hypertension</i> , 2004 , 43, 610-3	8.5	25

108	11beta-hydroxysteroid dehydrogenase type 1 in obesity. <i>Obesity</i> , 2004 , 12, 1-3		25
107	A comparison of techniques to assess skin blanching following the topical application of glucocorticoids. <i>British Journal of Dermatology</i> , 1996 , 134, 837-842	4	25
106	Growth hormone replacement inhibits renal and hepatic 11 beta-hydroxysteroid dehydrogenases in ACTH-deficient patients. <i>Clinical Endocrinology</i> , 1998 , 49, 257-63	3.4	24
105	Altered peripheral sensitivity to glucocorticoids in primary open-angle glaucoma. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 5163-7		24
104	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
103	Elevated hepatic 11hydroxysteroid 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
102	11HSD1 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
101	Cardiomyocyte and Vascular Smooth Muscle-Independent 11Hydroxysteroid 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
100	11Hydroxysteroid dehydrogenase type 1 contributes to the regulation of 7-oxysterol levels in the arterial wall through the inter-conversion of 7-ketocholesterol and 7Hydroxycholesterol. <i>Biochimie</i> , 2013 , 95, 548-55	4.6	22
99	11Hydroxysteroid 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
98	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
97	Low serum cortisol predicts early death after acute myocardial infarction. <i>Critical Care Medicine</i> , 2010 , 38, 973-5	1.4	22
96	Contrasting effects of intrauterine growth retardation and premature delivery on adult cortisol secretion and metabolism in man. <i>Clinical Endocrinology</i> , 2002 , 57, 351-5	3.4	22
95	Is programming of glucocorticoid receptor expression by prenatal dexamethasone in the rat secondary to metabolic derangement in adulthood?. <i>European Journal of Endocrinology</i> , 2003 , 148, 129-38	6.5	22
94	Vascular Dysfunction in Horses with Endocrinopathic Laminitis. <i>PLoS ONE</i> , 2016 , 11, e0163815	3.7	22
93	Inhibiting 11hydroxysteroid 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
92	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
91	Gas chromatography tandem mass spectrometry offers advantages for urinary steroids analysis. <i>Analytical Biochemistry</i> , 2017 , 538, 34-37	3.1	21

90	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
89	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
88	Intravascular glucocorticoid metabolism during inflammation and injury in mice. <i>Endocrinology</i> , 2007 , 148, 166-72	4.8	21
87	Clinical investigation of 11 beta-hydroxysteroid dehydrogenase. <i>Endocrine Research</i> , 1995 , 21, 379-87	1.9	21
86	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
85	Peripheral vascular structure and function in men with contrasting GH levels. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 3309-14	5.6	20
84	Relative adrenal insufficiency in mice deficient in 5 β reductase 1. <i>Journal of Endocrinology</i> , 2014 , 222, 257-66	4.7	19
83	Steroid metabolism in metabolic syndrome X. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2001 , 15, 111-22	6.5	19
82	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
81	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
80	11 β hydroxysteroid dehydrogenase type 1, brain atrophy and cognitive decline. <i>Neurobiology of Aging</i> , 2012 , 33, 207.e1-8	5.6	18
79	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
78	Increased A-ring reduction of glucocorticoids in obese Zucker rats: effects of insulin sensitization. <i>Obesity</i> , 2005 , 13, 1523-6		18
77	Endogenous inhibitors of 11beta-hydroxysteroid dehydrogenase type 1 do not explain abnormal cortisol metabolism in polycystic ovary syndrome. <i>Clinical Endocrinology</i> , 2000 , 52, 77-80	3.4	18
76	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
75	Differences in cortisol concentrations in South Asian and European men living in the United Kingdom. <i>Clinical Endocrinology</i> , 2006 , 64, 530-4	3.4	17
74	Thyroid cancer management. <i>Clinical Endocrinology</i> , 1995 , 42, 651-5	3.4	17
73	11 beta-Hydroxysteroid dehydrogenase and its inhibitors in hypertensive pregnancy. <i>Hypertension</i> , 1995 , 25, 626-30	8.5	17

72	Increased skeletal muscle 11 β SD1 mRNA is associated with lower muscle strength in ageing. <i>PLoS ONE</i> , 2013 , 8, e84057	3.7	17
71	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
70	Health Behaviours during Pregnancy in Women with Very Severe Obesity. <i>Nutrients</i> , 2015 , 7, 8431-43	6.7	16
69	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
68	Quantitative 3-dimensional imaging of murine neointimal and atherosclerotic lesions by optical projection tomography. <i>PLoS ONE</i> , 2011 , 6, e16906	3.7	16
67	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
66	Glycosylated hemoglobin levels in healthy elderly nondiabetic men are negatively associated with verbal memory. <i>Journal of the American Geriatrics Society</i> , 2004 , 52, 848-9	5.6	16
65	Direct and indirect effects of carbenoxolone on responses to glucocorticoids and noradrenaline in rat aorta. <i>Journal of Hypertension</i> , 1994 , 12, 33??40	1.9	16
64	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
63	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
62	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
61	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
60	Efficacy of metformin in pregnant obese women: a randomised controlled trial. <i>BMJ Open</i> , 2015 , 5, e006354	3.54	14
59	The low single nucleotide polymorphism heritability of plasma and saliva cortisol levels. <i>Psychoneuroendocrinology</i> , 2017 , 85, 88-95	5	13
58	5 β reduced glucocorticoids exhibit dissociated anti-inflammatory and metabolic effects. <i>British Journal of Pharmacology</i> , 2011 , 164, 1661-71	8.6	13
57	Cortisol Metabolism	241-268	13
56	Polymorphisms in the gene encoding 11 β -hydroxysteroid dehydrogenase type 1 (HSD11B1) and lifetime cognitive change. <i>Neuroscience Letters</i> , 2006 , 393, 74-7	3.3	12
55	Is "Cushing's disease of the omentum" an affliction of mouse and men?. <i>Diabetologia</i> , 2004 , 47, 767-9	10.3	12

54	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
53	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
52	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
51	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
50	Dysregulation of Cortisol Metabolism in Equine Pituitary Pars Intermedia Dysfunction. <i>Endocrinology</i> , 2018 , 159, 3791-3800	4.8	11
49	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
48	Metabolic dysfunction in female mice with disruption of 5 β reductase 1. <i>Journal of Endocrinology</i> , 2017 , 232, 29-36	4.7	10
47	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
46	How will we know if 11beta-hydroxysteroid dehydrogenases are important in common diseases. <i>Clinical Endocrinology</i> , 2000 , 52, 401-2	3.4	10
45	Metformin Increases Cortisol Regeneration by 11 β SD1 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
44	11Beta-hydroxysteroid dehydrogenase-1 deficiency or inhibition enhances hepatic myofibroblast activation in murine liver fibrosis. <i>Hepatology</i> , 2018 , 67, 2167-2181	11.2	9
43	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
42	Reduced cortisol metabolism during critical illness. <i>New England Journal of Medicine</i> , 2013 , 369, 481	59.2	7
41	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
40	Plasma metabolomic profile varies with glucocorticoid dose in patients with congenital adrenal hyperplasia. <i>Scientific Reports</i> , 2017 , 7, 17092	4.9	6
39	Sexual dimorphism in cortisol metabolism throughout pubertal development: a longitudinal study. <i>Endocrine Connections</i> , 2020 , 9, 542-551	3.5	6
38	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
37	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

36	Defective enzyme-mediated receptor protection: novel mechanisms in the pathophysiology of hypertension. <i>Clinical Science</i> , 1993 , 85, 257-63	6.5	5
35	Heritability of Cortisol Production and Metabolism Throughout Adolescence. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	5
34	Identification of human glucocorticoid response markers using integrated multi-omic analysis from a randomized crossover trial. <i>ELife</i> , 2021 , 10,	8.9	5
33	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, 121-3 ²	3.2	4
32	Acute interaction between hydrocortisone and insulin alters the plasma metabolome in humans. <i>Scientific Reports</i> , 2017 , 7, 11488	4.9	4
31	Deflazacort: towards selective glucocorticoid receptor modulation?. <i>Clinical Endocrinology</i> , 2000 , 52, 13-5	3.4	4
30	A comparison of techniques to assess skin blanching following the topical application of glucocorticoids. <i>British Journal of Dermatology</i> , 1996 , 134, 837-842	4	4
29	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
28	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
27	Safer topical treatment for inflammation using 5 β -tetrahydrocorticosterone in mouse models. <i>Biochemical Pharmacology</i> , 2017 , 129, 73-84	6	3
26	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
25	Neutrophil elastase-cleaved corticosteroid-binding globulin is absent in human plasma. <i>Journal of Endocrinology</i> , 2019 , 240, 27-39	4.7	3
24	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
23	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
22	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
21	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
20	Carbenoxolone effects in congenital adrenal hyperplasia. <i>Clinical Endocrinology</i> , 2000 , 52, 246-8	3.4	2
19	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

18	Genetic correlations among psychiatric and immune-related phenotypes based on genome-wide association data		2
17	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
16	Influence of gender and body composition on glucocorticoid metabolism in middle-aged humans. <i>International Journal of Obesity</i> , 2000 , 24 Suppl 2, S144-5	5.5	1
15	Associations of Relative corticosterone deficiency with genetic variation in CYP17A1 and metabolic syndrome features		1
14	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
13	Associations Between and Polymorphisms, and Cardiometabolic Risk Factors in Black South Africans. <i>Frontiers in Genetics</i> , 2021 , 12, 687335	4.5	1
12	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
11	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
10	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
9	Glucocorticoids associate with cardiometabolic risk factors in black South Africans. <i>Endocrine Connections</i> , 2021 , 10, 873-884	3.5	0
8	Heritability of Urinary Amines, Organic Acids, and Steroid Hormones in Children. <i>Metabolites</i> , 2022 , 12, 474	5.6	0
7	Targeting endogenous glucocorticoids in degenerative disease. <i>Clinical Medicine</i> , 2012 , 12, s58-s62	1.9	
6	Inhibition of 11 β -Hydroxysteroid Dehydrogenase Type 1. <i>Expert Opinion on Therapeutic Targets</i> , 1997 , 1, 223-227		
5	11 β -Hydroxysteroid Dehydrogenase Type 1 and Obesity 2007 , 175-196		
4	Mineralocorticoid mechanisms. <i>Hormone Research in Paediatrics</i> , 2003 , 59 Suppl 1, 55	3.3	
3	Capillary Rarefaction and Impaired Microvascular Dilatation in Young Adults with a Familial Predisposition to high Blood Pressure. <i>Clinical Science</i> , 1996 , 90, 2P-2P		
2	Defective Enzyme-Mediated Protection of Corticosteroid Receptors: Novel Mechanisms in the Pathophysiology of Hypertension. <i>Clinical Science</i> , 1993 , 85, 31P-31P		
1	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	

