

Ruth Andrew

List of Publications by Year in descending order

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179
papers

9,796
citations

34016

52
h-index

40881

93
g-index

186
all docs

186
docs citations

186
times ranked

8169
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue-Specific Dysregulation of Cortisol Metabolism in Human Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 1418-1421.	1.8	584
2	Adrenocortical, Autonomic, and Inflammatory Causes of the Metabolic Syndrome. <i>Circulation</i> , 2002, 106, 2659-2665.	1.6	484
3	Reduced Cortisol Metabolism during Critical Illness. <i>New England Journal of Medicine</i> , 2013, 368, 1477-1488.	13.9	468
4	Tissue-Specific Changes in Peripheral Cortisol Metabolism in Obese Women: Increased Adipose 11 β -Hydroxysteroid Dehydrogenase Type 1 Activity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 3330-3336.	1.8	339
5	Obesity and Gender Influence Cortisol Secretion and Metabolism in Man. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 1806-1806.	1.8	323
6	Understanding the Role of Glucocorticoids in Obesity: Tissue-Specific Alterations of Corticosterone Metabolism in Obese Zucker Rats ¹ . <i>Endocrinology</i> , 2000, 141, 560-563.	1.4	319
7	Altered Control of Cortisol Secretion in Adult Men with Low Birth Weight and Cardiovascular Risk Factors ¹ . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 245-250.	1.8	285
8	Tissue-Specific Changes in Peripheral Cortisol Metabolism in Obese Women: Increased Adipose 11 β -Hydroxysteroid Dehydrogenase Type 1 Activity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 3330-3336.	1.8	284
9	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, 245-250.	1.8	229
10	Impaired Glucose Tolerance and Elevated Blood Pressure in Low Birth Weight, Nonobese, Young South African Adults: Early Programming of Cortisol Axis ¹ . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 4611-4618.	1.8	225
11	Increased In Vivo Regeneration of Cortisol in Adipose Tissue in Human Obesity and Effects of the 11 β -Hydroxysteroid Dehydrogenase Type 1 Inhibitor Carbenoxolone. <i>Diabetes</i> , 2005, 54, 872-879.	0.3	179
12	Increased Glucocorticoid Activity in Men With Cardiovascular Risk Factors. <i>Hypertension</i> , 1998, 31, 891-895.	1.3	170
13	Abnormal Cortisol Metabolism and Tissue Sensitivity to Cortisol in Patients with Glucose Intolerance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 5587-5593.	1.8	169
14	Body Fat Distribution and Cortisol Metabolism in Healthy Men: Enhanced 5 β -Reductase and Lower Cortisol/Cortisone Metabolite Ratios in Men with Fatty Liver. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 4924-4931.	1.8	163
15	Intra-adipose sex steroid metabolism and body fat distribution in idiopathic human obesity. <i>Clinical Endocrinology</i> , 2007, 66, 440-446.	1.2	149
16	Principles of pharmacological research of nutraceuticals. <i>British Journal of Pharmacology</i> , 2017, 174, 1177-1194.	2.7	128
17	Tissue Production of Cortisol by 11 β -Hydroxysteroid Dehydrogenase Type 1 and Metabolic Disease. <i>Annals of the New York Academy of Sciences</i> , 2006, 1083, 165-184.	1.8	121
18	Additional value of measurement of urinary cortisone and unconjugated cortisol metabolites in assessing the activity of 11 β -hydroxysteroid dehydrogenase in vivo. <i>Clinical Endocrinology</i> , 1997, 47, 231-236.	1.2	116

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19	Mass Spectrometry Imaging for Dissecting Steroid Intracrinology within Target Tissues. <i>Analytical Chemistry</i> , 2013, 85, 11576-11584.	3.2	109
20	Increased Vasoconstrictor Sensitivity to Glucocorticoids in Essential Hypertension. <i>Hypertension</i> , 1996, 27, 190-196.	1.3	102
21	Cortisol Release From Adipose Tissue by 11 β -Hydroxysteroid Dehydrogenase Type 1 in Humans. <i>Diabetes</i> , 2009, 58, 46-53.	0.3	98
22	Cortisol metabolic predictors of response to psychotherapy for symptoms of PTSD in survivors of the World Trade Center attacks on September 11, 2001. <i>Psychoneuroendocrinology</i> , 2009, 34, 1304-1313.	1.3	98
23	Increased glucocorticoid production and altered cortisol metabolism in women with mild to moderate Alzheimer's disease. <i>Biological Psychiatry</i> , 2001, 49, 547-552.	0.7	95
24	The Contribution of Visceral Adipose Tissue to Splanchnic Cortisol Production in Healthy Humans. <i>Diabetes</i> , 2005, 54, 1364-1370.	0.3	93
25	Seasonal Variation in Glucocorticoid Activity in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 4015-4019.	1.8	92
26	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
27	Enduring effects of severe developmental adversity, including nutritional deprivation, on cortisol metabolism in aging Holocaust survivors. <i>Journal of Psychiatric Research</i> , 2009, 43, 877-883.	1.5	89
28	11 beta-hydroxysteroid dehydrogenase type 1 is a predominant 11 beta-reductase in the intact perfused rat liver. <i>Journal of Endocrinology</i> , 2000, 165, 685-692.	1.2	84
29	Distinguishing the Activities of 11 β -Hydroxysteroid Dehydrogenases <i>in Vivo</i> Using Isotopically Labeled Cortisol. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 277-285.	1.8	81
30	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
31	Cortisol Metabolism in Healthy Young Adults: Sexual Dimorphism in Activities of A-Ring Reductases, but not 11 β -Hydroxysteroid Dehydrogenases. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 3316-3321.	1.8	77
32	Cortisol Secretion and Rate of Bone Loss in a Population-Based Cohort of Elderly Men and Women. <i>Calcified Tissue International</i> , 2005, 77, 134-138.	1.5	76
33	5 α -Reductase Type 1 Deficiency or Inhibition Predisposes to Insulin Resistance, Hepatic Steatosis, and Liver Fibrosis in Rodents. <i>Diabetes</i> , 2015, 64, 447-458.	0.3	76
34	Apparent Cortisone Reductase Deficiency: A Functional Defect in 11 β -Hydroxysteroid Dehydrogenase Type 1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 3570-3574.	1.8	76
35	Transfer and Metabolism of Cortisol by the Isolated Perfused Human Placenta. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 640-648.	1.8	74
36	Dietary Macronutrient Content Alters Cortisol Metabolism Independently of Body Weight Changes in Obese Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 4480-4484.	1.8	71

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37	Influence of short-term dietary weight loss on cortisol secretion and metabolism in obese men. <i>European Journal of Endocrinology</i> , 2004, 150, 185-194.	1.9	70
38	Reduced Adipose Glucocorticoid Reactivation and Increased Hepatic Glucocorticoid Clearance as an Early Adaptation to High-Fat Feeding in Wistar Rats. <i>Endocrinology</i> , 2005, 146, 913-919.	1.4	69
39	Distinguishing the Activities of 11 β -Hydroxysteroid Dehydrogenases in Vivo Using Isotopically Labeled Cortisol. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 277-285.	1.8	69
40	5 α -Reductase Type 1 Modulates Insulin Sensitivity in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1397-E1406.	1.8	68
41	The role of corticosterone in human hypothalamic-pituitary-adrenal axis feedback. <i>Clinical Endocrinology</i> , 2006, 65, 22-26.	1.2	66
42	Glucocorticoid metabolism within superficial subcutaneous rather than visceral adipose tissue is associated with features of the metabolic syndrome in South African women. <i>Clinical Endocrinology</i> , 2006, 65, 81-87.	1.2	65
43	Dexamethasone and 11-dehydrodexamethasone as tools to investigate the isozymes of 11 β -hydroxysteroid dehydrogenase in vitro and in vivo. <i>Journal of Endocrinology</i> , 1997, 153, 41-48.	1.2	62
44	Glucocorticoid metabolism and the Metabolic Syndrome: associations in an elderly cohort. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2002, 110, 284-290.	0.6	61
45	Spatial Localization and Quantitation of Androgens in Mouse Testis by Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2016, 88, 10362-10367.	3.2	61
46	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
47	Increased Whole-Body and Sustained Liver Cortisol Regeneration by 11 β -Hydroxysteroid Dehydrogenase Type 1 in Obese Men With Type 2 Diabetes Provides a Target for Enzyme Inhibition. <i>Diabetes</i> , 2011, 60, 720-725.	0.3	59
48	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
49	Salicylate Downregulates 11 β -HSD1 Expression in Adipose Tissue in Obese Mice and in Humans, Mediating Insulin Sensitization. <i>Diabetes</i> , 2012, 61, 790-796.	0.3	57
50	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
51	Is there a gender difference in the associations of birthweight and adult hypothalamic-pituitary-adrenal axis activity?. <i>European Journal of Endocrinology</i> , 2005, 152, 249-253.	1.9	55
52	Future technology insight: mass spectrometry imaging as a tool in drug research and development. <i>British Journal of Pharmacology</i> , 2015, 172, 3266-3283.	2.7	55
53	Current strategies for quantification of estrogens in clinical research. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 192, 105373.	1.2	55
54	In the lipodystrophy associated with highly active antiretroviral therapy, pseudo-Cushing's syndrome is associated with increased regeneration of cortisol by 11 β -hydroxysteroid dehydrogenase type 1 in adipose tissue. <i>Diabetologia</i> , 2004, 47, 1668-1671.	2.9	54

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55	It takes two to tango: Dimerisation of glucocorticoid receptor and its anti-inflammatory functions. <i>Steroids</i> , 2013, 78, 59-68.	0.8	53
56	Acute In Vivo Regulation of 11 β -Hydroxysteroid Dehydrogenase Type 1 Activity by Insulin and Intralipid Infusions in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 4682-4688.	1.8	52
57	Glucocorticoid Metabolism and Adrenocortical Reactivity to ACTH in Myotonic Dystrophy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 4276-4283.	1.8	51
58	Cortisol Metabolism in Healthy Young Adults: Sexual Dimorphism in Activities of A-Ring Reductases, but not 11 β -Hydroxysteroid Dehydrogenases. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 3316-3321.	1.8	51
59	7-Oxysterols Modulate Glucocorticoid Activity in Adipocytes through Competition for 11 β -Hydroxysteroid Dehydrogenase Type. <i>Endocrinology</i> , 2008, 149, 5909-5918.	1.4	47
60	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
61	A combination of polymorphisms in HSD11B1 associates with in vivo 11 β -HSD1 activity and metabolic syndrome in women with and without polycystic ovary syndrome. <i>European Journal of Endocrinology</i> , 2011, 165, 283-292.	1.9	46
62	5 α -Reduced glucocorticoids: a story of natural selection. <i>Journal of Endocrinology</i> , 2012, 212, 111-127.	1.2	46
63	Tissue-specific dysregulation of cortisol regeneration by 11 β -HSD1 in obesity: has it promised too much?. <i>Diabetologia</i> , 2014, 57, 1100-1110.	2.9	45
64	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
65	Association between umbilical cord glucocorticoids and blood pressure at age 3 years. <i>BMC Medicine</i> , 2008, 6, 25.	2.3	44
66	Development-Related Increase in Cortisol Biosynthesis by Human Granulosa Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 4728-4733.	1.8	43
67	CYP7B Generates a Selective Estrogen Receptor β Agonist in Human Prostate. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 2928-2935.	1.8	42
68	11 β -Hydroxysteroid dehydrogenase type 1 deficiency in bone marrow-derived cells reduces atherosclerosis. <i>FASEB Journal</i> , 2013, 27, 1519-1531.	0.2	41
69	Tissue-specific dysregulation of 11 β -hydroxysteroid dehydrogenase type 1 in overweight/obese women with polycystic ovary syndrome compared with weight-matched controls. <i>European Journal of Endocrinology</i> , 2014, 171, 47-57.	1.9	41
70	5 α -Reduced Glucocorticoids, Novel Endogenous Activators of the Glucocorticoid Receptor. <i>Journal of Biological Chemistry</i> , 2004, 279, 22908-22912.	1.6	40
71	Effects of Peroxisome Proliferator-Activated Receptor- α and - β Agonists on 11 β -Hydroxysteroid Dehydrogenase Type 1 in Subcutaneous Adipose Tissue in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 1848-1856.	1.8	40
72	Selection and early clinical evaluation of the brain-penetrant 11 β -hydroxysteroid dehydrogenase type 1 (11 β -HSD1) inhibitor UE2343 (Xanamem, C). <i>British Journal of Pharmacology</i> , 2017, 174, 396-408.	2.7	40

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73	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
74	Aromatase Inhibition Reduces Insulin Sensitivity in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 2040-2046.	1.8	38
75	Clinical measurement of steroid metabolism. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2001, 15, 1-16.	2.2	36
76	Contrasting effects of intrauterine growth retardation and premature delivery on adult cortisol secretion and metabolism in man. <i>Clinical Endocrinology</i> , 2002, 57, 351-355.	1.2	34
77	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
78	Derivatization enhances analysis of estrogens and their bioactive metabolites in human plasma by liquid chromatography tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2019, 1054, 84-94.	2.6	33
79	Tissue-Specific Increases in 11 β -Hydroxysteroid Dehydrogenase Type 1 in Normal Weight Postmenopausal Women. <i>PLoS ONE</i> , 2009, 4, e8475.	1.1	32
80	Growth hormone replacement inhibits renal and hepatic 11 β -hydroxysteroid dehydrogenases in ACTH-deficient patients. <i>Clinical Endocrinology</i> , 1998, 49, 257-263.	1.2	31
81	Truncal Distribution of Fat Mass, Metabolic Profile and Hypothalamic-Pituitary Adrenal Axis Activity in Prepubertal Obese Children. <i>Journal of Pediatrics</i> , 2007, 150, 535-539.e1.	0.9	31
82	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
83	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, 146-153.	2.0	29
84	Diet-induced weight loss has chronic tissue-specific effects on glucocorticoid metabolism in overweight postmenopausal women. <i>International Journal of Obesity</i> , 2015, 39, 814-819.	1.6	29
85	Altered Peripheral Sensitivity to Glucocorticoids in Primary Open-Angle Glaucoma. , 2003, 44, 5163.		28
86	Gas chromatography tandem mass spectrometry offers advantages for urinary steroids analysis. <i>Analytical Biochemistry</i> , 2017, 538, 34-37.	1.1	28
87	Incidence of type 2 diabetes mellitus in men receiving steroid 5 α -reductase inhibitors: population based cohort study. <i>BMJ: British Medical Journal</i> , 2019, 365, l1204.	2.4	28
88	Central Glucocorticoid Administration Promotes Weight Gain and Increased 11 β -Hydroxysteroid Dehydrogenase Type 1 Expression in White Adipose Tissue. <i>PLoS ONE</i> , 2012, 7, e34002.	1.1	27
89	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
90	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, 548-555.	1.3	26

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91	Development-Related Increase in Cortisol Biosynthesis by Human Granulosa Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 4728-4733.	1.8	25
92	Effects of acute glucocorticoid blockade on metabolic dysfunction in patients with Type 2 diabetes with and without fatty liver. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, G760-G768.	1.6	24
93	Relative adrenal insufficiency in mice deficient in 5 α -reductase 1. <i>Journal of Endocrinology</i> , 2014, 222, 257-266.	1.2	24
94	Estrogen Signaling and Portopulmonary Hypertension: The Pulmonary Vascular Complications of Liver Disease Study (PVCLD2). <i>Hepatology</i> , 2021, 73, 726-737.	3.6	24
95	Increased Skeletal Muscle 11 β HSD1 mRNA Is Associated with Lower Muscle Strength in Ageing. <i>PLoS ONE</i> , 2013, 8, e84057.	1.1	24
96	Clinical investigation of 11 β -hydroxysteroid dehydrogenase. <i>Endocrine Research</i> , 1995, 21, 379-387.	0.6	23
97	Physiological and pathophysiological applications of sensitive ELISA methods for urinary deoxycorticosterone and corticosterone in rodents. <i>Steroids</i> , 2009, 74, 938-944.	0.8	23
98	11 β -hydroxysteroid dehydrogenase type 1, brain atrophy and cognitive decline. <i>Neurobiology of Aging</i> , 2012, 33, 207.e1-207.e8.	1.5	23
99	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
100	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
101	Metabolic pathways promoting intrahepatic fatty acid accumulation in methionine and choline deficiency: implications for the pathogenesis of steatohepatitis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 300, E402-E409.	1.8	21
102	Pulsatility of glucocorticoid hormones in pregnancy: Changes with gestation and obesity. <i>Clinical Endocrinology</i> , 2018, 88, 592-600.	1.2	21
103	Increased A α ring Reduction of Glucocorticoids in Obese Zucker Rats: Effects of Insulin Sensitization. <i>Obesity</i> , 2005, 13, 1523-1526.	4.0	19
104	Renal sodium retention in cirrhotic rats depends on glucocorticoid-mediated activation of mineralocorticoid receptor due to decreased renal 11 β -HSD-2 activity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R625-R636.	0.9	19
105	5 α -Reduced glucocorticoids exhibit dissociated anti-inflammatory and metabolic effects. <i>British Journal of Pharmacology</i> , 2011, 164, 1661-1671.	2.7	19
106	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
107	Simultaneous pharmacokinetic and pharmacodynamic analysis of 5 α -reductase inhibitors and androgens by liquid chromatography tandem mass spectrometry. <i>Talanta</i> , 2015, 131, 728-735.	2.9	18
108	Glucocorticoids are lower at delivery in maternal, but not cord blood of obese pregnancies. <i>Scientific Reports</i> , 2017, 7, 10263.	1.6	17

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109	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.	2.0	17
110	Effects of Gonadectomy on Glucocorticoid Metabolism in Obese Zucker Rats. <i>Endocrinology</i> , 2007, 148, 4836-4843.	1.4	16
111	Carbonyl reductase 1 catalyzes 20 ^β -reduction of glucocorticoids, modulating receptor activation and metabolic complications of obesity. <i>Scientific Reports</i> , 2017, 7, 10633.	1.6	15
112	Insights from the Menstrual Cycle in Pulmonary Arterial Hypertension. <i>Annals of the American Thoracic Society</i> , 2021, 18, 218-228.	1.5	15
113	Plasma metabolomic profile varies with glucocorticoid dose in patients with congenital adrenal hyperplasia. <i>Scientific Reports</i> , 2017, 7, 17092.	1.6	13
114	Maternal Glucocorticoid Metabolism Across Pregnancy: A Potential Mechanism Underlying Fetal Glucocorticoid Exposure. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e782-e790.	1.8	13
115	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.	1.8	12
116	Metabolic dysfunction in female mice with disruption of 5 ^α -reductase 1. <i>Journal of Endocrinology</i> , 2017, 232, 29-36.	1.2	12
117	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, 483-489.	1.8	11
118	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
119	Estrogen metabolites in a small cohort of patients with idiopathic pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2020, 10, 1-5.	0.8	11
120	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
121	Species-specific regulation of angiogenesis by glucocorticoids reveals contrasting effects on inflammatory and angiogenic pathways. <i>PLoS ONE</i> , 2018, 13, e0192746.	1.1	10
122	Heritability of Cortisol Production and Metabolism Throughout Adolescence. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 443-452.	1.8	10
123	Mass spectrometry: Future opportunities for profiling and imaging steroids and steroid metabolites. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2020, 15, 71-78.	0.6	10
124	Development of a derivatisation method for the analysis of aldehyde modified amino acid residues in proteins by Fourier transform mass spectrometry. <i>Analytica Chimica Acta</i> , 2009, 633, 216-222.	2.6	9
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	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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127	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
128	Derivatization with 2-hydrazino-1-methylpyridine enhances sensitivity of analysis of 5 α -dihydrotestosterone in human plasma by liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1640, 461933.	1.8	8
129	Sexual dimorphism in cortisol metabolism throughout pubertal development: a longitudinal study. <i>Endocrine Connections</i> , 2020, 9, 542-551.	0.8	8
130	Increased Adipose Tissue Indices of Androgen Catabolism and Aromatization in Women With Metabolic Dysfunction. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e3330-e3342.	1.8	8
131	Preparation of 99 μ mTc-MAG3: the effect on radiochemical purity of using sodium chloride injection from plastic ampoules that have been exposed to light. <i>Nuclear Medicine Communications</i> , 2008, 29, 649-653.	0.5	7
132	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
133	Reduced Cortisol Metabolism During Critical Illness. <i>Survey of Anesthesiology</i> , 2014, 58, 8-9.	0.1	7
134	Safer topical treatment for inflammation using 5 α -tetrahydrocorticosterone in mouse models. <i>Biochemical Pharmacology</i> , 2017, 129, 73-84.	2.0	7
135	Urinary estrogens as a non-invasive biomarker of viable pregnancy in the giant panda (<i>Ailuropoda</i>) Tj ETQq1 1 0.784314 rgBT ₇ /Overlo	1.6	7
136	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
137	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
138	Acute interaction between hydrocortisone and insulin alters the plasma metabolome in humans. <i>Scientific Reports</i> , 2017, 7, 11488.	1.6	6
139	Highlights into the pharmacology of nutraceuticals. <i>British Journal of Pharmacology</i> , 2020, 177, 1209-1211.	2.7	6
140	Lack of regulation of 11 β -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
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