

Richard J Auchus

List of Publications by Citations

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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.

200
papers

12,480
citations

52
h-index

108
g-index

228
ext. papers

14,903
ext. citations

6.8
avg, IF

6.9
L-index

#	Paper	IF	Citations
200	The molecular biology, biochemistry, and physiology of human steroidogenesis and its disorders. <i>Endocrine Reviews</i> , 2011 , 32, 81-151	27.2	1314
199	Position statement: Utility, limitations, and pitfalls in measuring testosterone: an Endocrine Society position statement. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 405-13	5.6	879
198	Cytochrome b5 augments the 17,20-lyase activity of human P450c17 without direct electron transfer. <i>Journal of Biological Chemistry</i> , 1998 , 273, 3158-65	5.4	407
197	Global Disorders of Sex Development Update since 2006: Perceptions, Approach and Care. <i>Hormone Research in Paediatrics</i> , 2016 , 85, 158-80	3.3	379
196	Congenital Adrenal Hyperplasia Due to Steroid 21-Hydroxylase Deficiency: An Endocrine Society Clinical Practice Guideline. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 4043-4088	5.6	371
195	Outcomes after adrenalectomy for unilateral primary aldosteronism: an international consensus on outcome measures and analysis of remission rates in an international cohort. <i>Lancet Diabetes and Endocrinology</i> , 2017 , 5, 689-699	18.1	355
194	An expert consensus statement on use of adrenal vein sampling for the subtyping of primary aldosteronism. <i>Hypertension</i> , 2014 , 63, 151-60	8.5	338
193	Mifepristone, a glucocorticoid receptor antagonist, produces clinical and metabolic benefits in patients with Cushing's syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 2039-49	5.6	323
192	Estrogen: consequences and implications of human mutations in synthesis and action. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 4677-94	5.6	308
191	The genetic and functional basis of isolated 17,20-lyase deficiency. <i>Nature Genetics</i> , 1997 , 17, 201-5	36.3	277
190	Dihydrotestosterone synthesis bypasses testosterone to drive castration-resistant prostate cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 13728-33	11.5	255
189	The Adrenal Vein Sampling International Study (AVIS) for identifying the major subtypes of primary aldosteronism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 1606-14	5.6	243
188	Adrenarche - physiology, biochemistry and human disease. <i>Clinical Endocrinology</i> , 2004 , 60, 288-96	3.4	241
187	The backdoor pathway to dihydrotestosterone. <i>Trends in Endocrinology and Metabolism</i> , 2004 , 15, 432-8	8.8	229
186	A gain-of-function mutation in DHT synthesis in castration-resistant prostate cancer. <i>Cell</i> , 2013 , 154, 1074-1084	56.2	210
185	Clinical and biochemical consequences of CYP17A1 inhibition with abiraterone given with and without exogenous glucocorticoids in castrate men with advanced prostate cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 507-16	5.6	199
184	The regulation of 17,20 lyase activity. <i>Steroids</i> , 1997 , 62, 133-42	2.8	192

183	Conversion of abiraterone to D4A drives anti-tumour activity in prostate cancer. <i>Nature</i> , 2015 , 523, 347-51	50.4	190
182	The genetics, pathophysiology, and management of human deficiencies of P450c17. <i>Endocrinology and Metabolism Clinics of North America</i> , 2001 , 30, 101-19, vii	5.5	182
181	Molecular modeling of human P450c17 (17alpha-hydroxylase/17,20-lyase): insights into reaction mechanisms and effects of mutations. <i>Molecular Endocrinology</i> , 1999 , 13, 1169-82		167
180	An International Consortium Update: Pathophysiology, Diagnosis, and Treatment of Polycystic Ovarian Syndrome in Adolescence. <i>Hormone Research in Paediatrics</i> , 2017 , 88, 371-395	3.3	166
179	Two prevalent CYP17 mutations and genotype-phenotype correlations in 24 Brazilian patients with 17-hydroxylase deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 49-60	5.6	160
178	P450c17 mutations R347H and R358Q selectively disrupt 17,20-lyase activity by disrupting interactions with P450 oxidoreductase and cytochrome b5. <i>Molecular Endocrinology</i> , 1999 , 13, 167-75		157
177	5alpha-androstane-3alpha,17beta-diol is formed in tammar wallaby pouch young testes by a pathway involving 5alpha-pregnane-3alpha,17alpha-diol-20-one as a key intermediate. <i>Endocrinology</i> , 2003 , 144, 575-80	4.8	146
176	The rise in adrenal androgen biosynthesis: adrenarche. <i>Seminars in Reproductive Medicine</i> , 2004 , 22, 337-47	4.7	136
175	The 17, 20-lyase activity of cytochrome p450c17 from human fetal testis favors the delta5 steroidogenic pathway. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 3762-6	5.6	130
174	Associations among androgens, estrogens, and natriuretic peptides in young women: observations from the Dallas Heart Study. <i>Journal of the American College of Cardiology</i> , 2007 , 49, 109-16	15.1	122
173	Adrenal-derived 11-oxygenated 19-carbon steroids are the dominant androgens in classic 21-hydroxylase deficiency. <i>European Journal of Endocrinology</i> , 2016 , 174, 601-9	6.5	120
172	Redirecting abiraterone metabolism to fine-tune prostate cancer anti-androgen therapy. <i>Nature</i> , 2016 , 533, 547-51	50.4	116
171	Effect of KCNJ5 mutations on gene expression in aldosterone-producing adenomas and adrenocortical cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E1567-72	5.6	112
170	Steroid 17-hydroxylase and 17,20-lyase deficiencies, genetic and pharmacologic. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017 , 165, 71-78	5.1	99
169	Phenotypic variability in 17beta-hydroxysteroid dehydrogenase-3 deficiency and diagnostic pitfalls. <i>Clinical Endocrinology</i> , 2007 , 67, 20-8	3.4	99
168	CYP17 mutation E305G causes isolated 17,20-lyase deficiency by selectively altering substrate binding. <i>Journal of Biological Chemistry</i> , 2003 , 278, 48563-9	5.4	96
167	Minireview: cellular redox state regulates hydroxysteroid dehydrogenase activity and intracellular hormone potency. <i>Endocrinology</i> , 2005 , 146, 2531-8	4.8	86
166	Approach to the patient: the adult with congenital adrenal hyperplasia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 2645-55	5.6	84

165	Abiraterone inhibits 3 β hydroxysteroid dehydrogenase: a rationale for increasing drug exposure in castration-resistant prostate cancer. <i>Clinical Cancer Research</i> , 2012 , 18, 3571-9	12.9	79
164	MON-183 Adrenal Androgen Control and Steroidal Side Effects in Adolescents and Adults with Congenital Adrenal Hyperplasia Treated with Glucocorticoids. <i>Journal of the Endocrine Society</i> , 2020 , 4,	0.4	78
163	Rapid cortisol assays improve the success rate of adrenal vein sampling for primary aldosteronism. <i>Annals of Surgery</i> , 2009 , 249, 318-21	7.8	75
162	5 α -reduced C21 steroids are substrates for human cytochrome P450c17. <i>Archives of Biochemistry and Biophysics</i> , 2003 , 418, 151-60	4.1	74
161	Adrenal steroidogenesis and congenital adrenal hyperplasia. <i>Endocrinology and Metabolism Clinics of North America</i> , 2015 , 44, 275-96	5.5	69
160	"Subclinical Cushing $\text{\textcircled{R}}$ syndrome" is not subclinical: improvement after adrenalectomy in 9 patients. <i>Surgery</i> , 2007 , 142, 900-5; discussion 905.e1	3.6	68
159	Primary Aldosteronism: Practical Approach to Diagnosis and Management. <i>Circulation</i> , 2018 , 138, 823-836.	16.7	66
158	Overview of dehydroepiandrosterone biosynthesis. <i>Seminars in Reproductive Medicine</i> , 2004 , 22, 281-8	1.4	61
157	3 β -hydroxysteroid dehydrogenase is a possible pharmacological target in the treatment of castration-resistant prostate cancer. <i>Endocrinology</i> , 2010 , 151, 3514-20	4.8	60
156	Human cytochrome b5 requires residues E48 and E49 to stimulate the 17,20-lyase activity of cytochrome P450c17. <i>Biochemistry</i> , 2006 , 45, 755-62	3.2	60
155	Congenital Adrenal Hyperplasia Due to 21-Hydroxylase Deficiency. <i>New England Journal of Medicine</i> , 2020 , 383, 1248-1261	59.2	59
154	Use of prednisone with abiraterone acetate in metastatic castration-resistant prostate cancer. <i>Oncologist</i> , 2014 , 19, 1231-40	5.7	57
153	The diverse chemistry of cytochrome P450 17A1 (P450c17, CYP17A1). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015 , 151, 52-65	5.1	55
152	Fertility in patients with genetic deficiencies of cytochrome P450c17 (CYP17A1): combined 17-hydroxylase/17,20-lyase deficiency and isolated 17,20-lyase deficiency. <i>Fertility and Sterility</i> , 2014 , 101, 317-22	4.8	55
151	Human Cytochrome P450 21A2, the Major Steroid 21-Hydroxylase: STRUCTURE OF THE ENZYME-PROGESTERONE SUBSTRATE COMPLEX AND RATE-LIMITING C-H BOND CLEAVAGE. <i>Journal of Biological Chemistry</i> , 2015 , 290, 13128-43	5.4	55
150	Reversible sympathetic overactivity in hypertensive patients with primary aldosteronism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 4756-61	5.6	55
149	Profiles of 21-Carbon Steroids in 21-hydroxylase Deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 2283-90	5.6	53
148	11-Ketotestosterone Is the Dominant Circulating Bioactive Androgen During Normal and Premature Adrenarche. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 4589-4598	5.6	52

147	11-Oxygenated Androgens Are Biomarkers of Adrenal Volume and Testicular Adrenal Rest Tumors in 21-Hydroxylase Deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 2701-2710	5.6	51
146	Adrenal androgens and androgen precursors-definition, synthesis, regulation and physiologic actions. <i>Comprehensive Physiology</i> , 2014 , 4, 1369-81	7.7	50
145	Human 17beta-hydroxysteroid dehydrogenases types 1, 2, and 3 catalyze bi-directional equilibrium reactions, rather than unidirectional metabolism, in HEK-293 cells. <i>Archives of Biochemistry and Biophysics</i> , 2004 , 429, 50-9	4.1	50
144	Steroid profiling by gas chromatography-mass spectrometry and high performance liquid chromatography-mass spectrometry for adrenal diseases. <i>Hormones and Cancer</i> , 2011 , 2, 324-32	5	49
143	The Metabolism, Analysis, and Targeting of Steroid Hormones in Breast and Prostate Cancer. <i>Hormones and Cancer</i> , 2016 , 7, 149-64	5	48
142	Consensus on diagnosis and management of Cushing's disease: a guideline update. <i>Lancet Diabetes and Endocrinology</i> , 2021 , 9, 847-875	18.1	48
141	Gene expression profiles in aldosterone-producing adenomas and adjacent adrenal glands. <i>European Journal of Endocrinology</i> , 2011 , 164, 613-9	6.5	47
140	Efficacy and safety of osilodrostat in patients with Cushing's disease (LINC 3): a multicentre phase III study with a double-blind, randomised withdrawal phase. <i>Lancet Diabetes and Endocrinology</i> , 2020 , 8, 748-761	18.1	47
139	Abiraterone acetate to lower androgens in women with classic 21-hydroxylase deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 2763-70	5.6	45
138	Human steroid biosynthesis for the oncologist. <i>Journal of Investigative Medicine</i> , 2012 , 60, 495-503	2.9	45
137	The next 150 years of congenital adrenal hyperplasia. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015 , 153, 63-71	5.1	43
136	11-Oxygenated C19 Steroids Do Not Decline With Age in Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 2615-2622	5.6	42
135	Mechanism of 17β-20-Lyase and New Hydroxylation Reactions of Human Cytochrome P450 17A1: 18O LABELING AND OXYGEN SURROGATE EVIDENCE FOR A ROLE OF A PERFERRYL OXYGEN. <i>Journal of Biological Chemistry</i> , 2016 , 291, 17143-64	5.4	41
134	Discordance between imaging and immunohistochemistry in unilateral primary aldosteronism. <i>Clinical Endocrinology</i> , 2017 , 87, 665-672	3.4	41
133	Defects in androgen biosynthesis causing 46,XY disorders of sexual development. <i>Seminars in Reproductive Medicine</i> , 2012 , 30, 417-26	1.4	41
132	Hypotension following patent ductus arteriosus ligation: the role of adrenal hormones. <i>Journal of Pediatrics</i> , 2014 , 164, 1449-55.e1	3.6	39
131	Clinical significance of 11-oxygenated androgens. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2017 , 24, 252-259	4	38
130	Management considerations for the adult with congenital adrenal hyperplasia. <i>Molecular and Cellular Endocrinology</i> , 2015 , 408, 190-7	4.4	37

129	11-Oxygenated androgens in health and disease. <i>Nature Reviews Endocrinology</i> , 2020 , 16, 284-296	15.2	37
128	The enantiomer of progesterone (ent-progesterone) is a competitive inhibitor of human cytochromes P450c17 and P450c21. <i>Archives of Biochemistry and Biophysics</i> , 2003 , 409, 134-44	4.1	36
127	Efficacy and safety of levoketoconazole in the treatment of endogenous Cushing@ syndrome (SONICS): a phase 3, multicentre, open-label, single-arm trial. <i>Lancet Diabetes and Endocrinology</i> , 2019 , 7, 855-865	18.1	34
126	Phase II trial of pazopanib in advanced/progressive malignant pheochromocytoma and paraganglioma. <i>Endocrine</i> , 2017 , 57, 220-225	4	33
125	Cytochrome b5 Activates the 17,20-Lyase Activity of Human Cytochrome P450 17A1 by Increasing the Coupling of NADPH Consumption to Androgen Production. <i>Biochemistry</i> , 2016 , 55, 4356-65	3.2	32
124	Single-Dose Study of a Corticotropin-Releasing Factor Receptor-1 Antagonist in Women With 21-Hydroxylase Deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 1174-80	5.6	32
123	HSD3B1(1245A>C) variant regulates dueling abiraterone metabolite effects in prostate cancer. <i>Journal of Clinical Investigation</i> , 2018 , 128, 3333-3340	15.9	32
122	Structural and Functional Biology of Aldo-Keto Reductase Steroid-Transforming Enzymes. <i>Endocrine Reviews</i> , 2019 , 40, 447-475	27.2	32
121	Steroidogenic Metabolism of Galeterone Reveals a Diversity of Biochemical Activities. <i>Cell Chemical Biology</i> , 2017 , 24, 825-832.e6	8.2	31
120	The physiology and biochemistry of adrenarche. <i>Endocrine Development</i> , 2011 , 20, 20-27		30
119	Two intronic mutations cause 17-hydroxylase deficiency by disrupting splice acceptor sites: direct demonstration of aberrant splicing and absent enzyme activity by expression of the entire CYP17 gene in HEK-293 cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 43-8	5.6	30
118	Minor activities and transition state properties of the human steroid hydroxylases cytochromes P450c17 and P450c21, from reactions observed with deuterium-labeled substrates. <i>Biochemistry</i> , 2012 , 51, 7064-77	3.2	29
117	Measurement of 18-hydroxycorticosterone during adrenal vein sampling for primary aldosteronism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 2648-51	5.6	28
116	Congenital adrenal hyperplasia - current insights in pathophysiology, diagnostics and management. <i>Endocrine Reviews</i> , 2021 ,	27.2	28
115	Circulating 11-oxygenated androgens across species. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019 , 190, 242-249	5.1	27
114	The Rise, Fall, and Resurrection of 11-Oxygenated Androgens in Human Physiology and Disease. <i>Hormone Research in Paediatrics</i> , 2018 , 89, 284-291	3.3	27
113	Three Discrete Patterns of Primary Aldosteronism Lateralization in Response to Cosyntropin During Adrenal Vein Sampling. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 5867-5876	5.6	27
112	Age-dependent Increases in Adrenal Cytochrome b5 and Serum 5-Androstenediol-3-sulfate. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 4585-4593	5.6	26

111	Mutated KCNJ5 activates the acute and chronic regulatory steps in aldosterone production. <i>Journal of Molecular Endocrinology</i> , 2016 , 57, 1-11	4.5	26
110	The "backdoor pathway" of androgen synthesis in human male sexual development. <i>PLoS Biology</i> , 2019 , 17, e3000198	9.7	25
109	A-ring modified steroidal azoles retaining similar potent and slowly reversible CYP17A1 inhibition as abiraterone. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014 , 143, 1-10	5.1	25
108	Catalytically relevant electrostatic interactions of cytochrome P450c17 (CYP17A1) and cytochrome b5. <i>Journal of Biological Chemistry</i> , 2014 , 289, 33838-49	5.4	25
107	Mass spectrometry theory and application to adrenal diseases. <i>Molecular and Cellular Endocrinology</i> , 2013 , 371, 201-7	4.4	25
106	The action of cytochrome b(5) on CYP2E1 and CYP2C19 activities requires anionic residues D58 and D65. <i>Biochemistry</i> , 2013 , 52, 210-20	3.2	25
105	Sex Differences in 11-Oxygenated Androgen Patterns Across Adulthood. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	24
104	Influence of race/ethnicity on cardiovascular risk factors in polycystic ovary syndrome, the Dallas Heart Study. <i>Clinical Endocrinology</i> , 2016 , 85, 92-9	3.4	24
103	Adrenal disorders in pregnancy. <i>Nature Reviews Endocrinology</i> , 2012 , 8, 668-78	15.2	24
102	Sex Hormones and Prostate Cancer. <i>Annual Review of Medicine</i> , 2020 , 71, 33-45	17.4	23
101	Identification of Unique Antigenic Determinants in the Amino Terminus of IA-2 (ICA512) in Childhood and Adult Autoimmune Diabetes: New Biomarker Development. <i>Diabetes Care</i> , 2017 , 40, 561-568	14.6	22
100	Alternative pathway androgen biosynthesis and human fetal female virilization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 22294-22299	11.5	22
99	46,XX DSD: the masculinised female. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2010 , 24, 219-42	6.5	22
98	Mechanistic Scrutiny Identifies a Kinetic Role for Cytochrome b5 Regulation of Human Cytochrome P450c17 (CYP17A1, P450 17A1). <i>PLoS ONE</i> , 2015 , 10, e0141252	3.7	22
97	Arginine 276 controls the directional preference of AKR1C9 (rat liver 3alpha-hydroxysteroid dehydrogenase) in human embryonic kidney 293 cells. <i>Endocrinology</i> , 2006 , 147, 1591-7	4.8	21
96	Comprehensive Analysis of Steroid Biomarkers for Guiding Primary Aldosteronism Subtyping. <i>Hypertension</i> , 2020 , 75, 183-192	8.5	21
95	Development and validation of a novel LC-MS/MS method for simultaneous determination of abiraterone and its seven steroidal metabolites in human serum: Innovation in separation of diastereoisomers without use of a chiral column. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017 , 172, 231-239	5.1	20
94	The classic and nonclassic congenital adrenal hyperplasias. <i>Endocrine Practice</i> , 2015 , 21, 383-9	3.2	20

93	Guidelines for the Development of Comprehensive Care Centers for Congenital Adrenal Hyperplasia: Guidance from the CARES Foundation Initiative. <i>International Journal of Pediatric Endocrinology (Springer)</i> , 2010 , 2010, 275213	1.5	20
92	Steroid biomarkers in human adrenal disease. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019 , 190, 273-280	5.1	19
91	The Clinical Impact of [Ga]-DOTATATE PET/CT for the Diagnosis and Management of Ectopic Adrenocorticotrophic Hormone - Secreting Tumours. <i>Clinical Endocrinology</i> , 2019 , 91, 288-294	3.4	19
90	Obesity-Induced Infertility in Male Mice Is Associated With Disruption of Crisp4 Expression and Sperm Fertilization Capacity. <i>Endocrinology</i> , 2017 , 158, 2930-2943	4.8	19
89	Why human cytochrome P450c21 is a progesterone 21-hydroxylase. <i>Biochemistry</i> , 2011 , 50, 3968-74	3.2	19
88	Congenital adrenal hyperplasia in adults. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2010 , 17, 210-6	4	18
87	Abiraterone acetate treatment lowers 11-oxygenated androgens. <i>European Journal of Endocrinology</i> , 2020 , 182, 413-421	6.5	18
86	Adrenal Vein Sampling Lateralization Despite Mineralocorticoid Receptor Antagonists Exposure in Primary Aldosteronism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 487-492	5.6	18
85	Making water-soluble integral membrane proteins in vivo using an amphipathic protein fusion strategy. <i>Nature Communications</i> , 2015 , 6, 6826	17.4	17
84	Adrenocorticotropin Acutely Regulates Pregnenolone Sulfate Production by the Human Adrenal In Vivo and In Vitro. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 320-327	5.6	17
83	The role of adrenal derived androgens in castration resistant prostate cancer. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020 , 197, 105506	5.1	17
82	Molecular Recognition in Mitochondrial Cytochromes P450 That Catalyze the Terminal Steps of Corticosteroid Biosynthesis. <i>Biochemistry</i> , 2017 , 56, 2282-2293	3.2	16
81	Bone Morphogenetic Protein-4 (BMP4): A Paracrine Regulator of Human Adrenal C19 Steroid Synthesis. <i>Endocrinology</i> , 2015 , 156, 2530-40	4.8	16
80	Instability of the Human Cytochrome P450 Reductase A287P Variant Is the Major Contributor to Its Antley-Bixler Syndrome-like Phenotype. <i>Journal of Biological Chemistry</i> , 2016 , 291, 20487-502	5.4	16
79	Strategies that athletes use to avoid detection of androgenic-anabolic steroid doping and sanctions. <i>Molecular and Cellular Endocrinology</i> , 2018 , 464, 28-33	4.4	15
78	CYP17A1 intron mutation causing cryptic splicing in 17 β hydroxylase deficiency. <i>PLoS ONE</i> , 2011 , 6, e254927	3.7	15
77	Two surfaces of cytochrome b5 with major and minor contributions to CYP3A4-catalyzed steroid and nifedipine oxygenation chemistries. <i>Archives of Biochemistry and Biophysics</i> , 2014 , 541, 53-60	4.1	13
76	Non-traditional metabolic pathways of adrenal steroids. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2009 , 10, 27-32	10.5	13

75	Predicted Benign and Synonymous Variants in Cause Primary Adrenal Insufficiency Through Missplicing. <i>Journal of the Endocrine Society</i> , 2019 , 3, 201-221	0.4	13
74	Human Urinary mRNA as a Biomarker of Cardiovascular Disease. <i>Circulation Genomic and Precision Medicine</i> , 2018 , 11, e002213	5.2	13
73	Endocrine causes of hypertension in pregnancy. <i>Gland Surgery</i> , 2020 , 9, 69-79	2.2	12
72	Aldo is back: recent advances and unresolved controversies in hyperaldosteronism. <i>Current Opinion in Nephrology and Hypertension</i> , 2003 , 12, 153-8	3.5	12
71	Impaired 17,20-Lyase Activity in Male Mice Lacking Cytochrome b5 in Leydig Cells. <i>Molecular Endocrinology</i> , 2016 , 30, 469-78		11
70	Towards a unifying mechanism for CYP17 mutations that cause isolated 17,20-lyase deficiency. <i>Endocrine Research</i> , 2002 , 28, 443-7	1.9	11
69	Genetic forms of adrenal insufficiency. <i>Endocrine Practice</i> , 2015 , 21, 395-9	3.2	10
68	A Phase 2, Multicenter Study of Nevanimibe for the Treatment of Congenital Adrenal Hyperplasia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	10
67	Aldosterone and Salt Loading Independently Exacerbate the Exercise Pressor Reflex in Rats. <i>Hypertension</i> , 2015 , 66, 627-33	8.5	10
66	P450 Enzymes in Steroid Processing 2015 , 851-879		10
65	Metabolic, Reproductive, and Neurologic Abnormalities in Agpat1-Null Mice. <i>Endocrinology</i> , 2017 , 158, 3954-3973	4.8	9
64	Androstenedione is the preferred androgen source in hormone refractory prostate cancer--letter. <i>Clinical Cancer Research</i> , 2014 , 20, 4971	12.9	9
63	Cortisol response to acute stress in asthma: Moderation by depressive mood. <i>Physiology and Behavior</i> , 2016 , 159, 20-6	3.5	8
62	Androgen excess and diagnostic steroid biomarkers for nonclassic 21-hydroxylase deficiency without cosyntropin stimulation. <i>European Journal of Endocrinology</i> , 2020 , 183, 63-71	6.5	8
61	A virtual teaching clinic for virtual care during the COVID-19 pandemic. <i>Clinical Diabetes and Endocrinology</i> , 2020 , 6, 25	4.7	8
60	Phase 2 Randomized, Placebo-Controlled Clinical Trial of Recombinant Human Growth Hormone (rhGH) During Rehabilitation From Traumatic Brain Injury. <i>Frontiers in Endocrinology</i> , 2018 , 9, 520	5.7	8
59	Opposing Effects of Cyclooxygenase-2 (COX-2) on Estrogen Receptor α Response to 5 α -Reductase Inhibition in Prostate Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2016 , 291, 14747-60	5.4	7
58	Epoxidation activities of human cytochromes P450c17 and P450c21. <i>Biochemistry</i> , 2014 , 53, 7531-40	3.2	7

57	Synthesis of halogenated pregnanes, mechanistic probes of steroid hydroxylases CYP17A1 and CYP21A2. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2012 , 128, 38-50	5.1	7
56	11-Oxygenated Androgens Useful in the Setting of Discrepant Conventional Biomarkers in 21-Hydroxylase Deficiency. <i>Journal of the Endocrine Society</i> , 2021 , 5, bvaa192	0.4	7
55	Exhaled nitric oxide and vascular endothelial growth factor as predictors of cold symptoms after stress. <i>Biological Psychology</i> , 2018 , 132, 116-124	3.2	7
54	Mifepristone in the treatment of the ectopic adrenocorticotrophic hormone syndrome. <i>Clinical Endocrinology</i> , 2018 , 89, 570-576	3.4	6
53	Primary aldosteronism and a Texas two-step. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2011 , 12, 37-42	10.5	6
52	Approach to the Patient with Primary Aldosteronism: Utility and Limitations of Adrenal Vein Sampling. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, 1195-1208	5.6	6
51	11-Oxygenated C19 Steroids Do Not Distinguish the Hyperandrogenic Phenotype of PCOS Daughters from Girls with Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	6
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