Richard J Auchus

List of Publications by Year
in descending order

210 papers	17,577 citations	19608 61 h-index	15218 126 g-index
229 all docs	229 docs citations	229 times ranked	13077 citing authors

#	Article	IF	Citations
1	The Molecular Biology, Biochemistry, and Physiology of Human Steroidogenesis and Its Disorders. Endocrine Reviews, 2011, 32, 81-151.	8.9	1,743
2	Utility, Limitations, and Pitfalls in Measuring Testosterone: An Endocrine Society Position Statement. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 405-413.	1.8	1,048
3	Global Disorders of Sex Development Update since 2006: Perceptions, Approach and Care. Hormone Research in Paediatrics, 2016, 85, 158-180.	0.8	852
4	Congenital Adrenal Hyperplasia Due to Steroid 21-Hydroxylase Deficiency: An Endocrine Society* Clinical Practice Guideline. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 4043-4088.	1.8	667
5	Outcomes after adrenalectomy for unilateral primary aldosteronism: an international consensus on outcome measures and analysis of remission rates in an international cohort. Lancet Diabetes and Endocrinology,the, 2017, 5, 689-699.	5.5	595
6	Cytochrome b 5 Augments the 17,20-Lyase Activity of Human P450c17 without Direct Electron Transfer. Journal of Biological Chemistry, 1998, 273, 3158-3165.	1.6	490
7	An Expert Consensus Statement on Use of Adrenal Vein Sampling for the Subtyping of Primary Aldosteronism. Hypertension, 2014, 63, 151-160.	1.3	475
8	Mifepristone, a Glucocorticoid Receptor Antagonist, Produces Clinical and Metabolic Benefits in Patients with Cushing's Syndrome. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 2039-2049.	1.8	409
9	Estrogen: Consequences and Implications of Human Mutations in Synthesis and Action1. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 4677-4694.	1.8	334
10	Consensus on diagnosis and management of Cushing's disease: a guideline update. Lancet Diabetes and Endocrinology,the, 2021, 9, 847-875.	5.5	315
11	The Adrenal Vein Sampling International Study (AVIS) for Identifying the Major Subtypes of Primary Aldosteronism. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 1606-1614.	1.8	310
12	The genetic and functional basis of isolated 17,20â€“lyase deficiency. Nature Genetics, 1997, 17, 201-205.	9.4	306
13	Dihydrotestosterone synthesis bypasses testosterone to drive castration-resistant prostate cancer. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13728-13733.	3.3	303
14	An International Consortium Update: Pathophysiology, Diagnosis, and Treatment of Polycystic Ovarian Syndrome in Adolescence. Hormone Research in Paediatrics, 2017, 88, 371-395.	0.8	282
15	Adrenarche - physiology, biochemistry and human disease. Clinical Endocrinology, 2004, 60, 288-296.	1.2	279
16	The backdoor pathway to dihydrotestosterone. Trends in Endocrinology and Metabolism, 2004, 15, 432-438.	3.1	275
17	A Gain-of-Function Mutation in DHT Synthesis in Castration-Resistant Prostate Cancer. Cell, 2013, 154, 1074-1084.	13.5	257
18	THE GENETICS, PATHOPHYSIOLOGX, AND MANAGEMENT OF HUMAN DEFICIENCIES OF P450c17. Endocrinology and Metabolism Clinics of North America, 2001, 30, 101-119.	1.2	239

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19	Clinical and Biochemical Consequences of CYP17A1 Inhibition with Abiraterone Given with and without Exogenous Glucocorticoids in Castrate Men with Advanced Prostate Cancer. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 507-516.	1.8	234
20	Conversion of abiraterone to D4A drives anti-tumour activity in prostate cancer. Nature, 2015, 523, 347-351.	13.7	221
21	The regulation of 17,20 lyase activity. Steroids, 1997, 62, 133-142.	0.8	218
22	Two PrevalentCYP17Mutations and Genotype-Phenotype Correlations in 24 Brazilian Patients with 17-Hydroxylase Deficiency. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 49-60.	1.8	194
23	Molecular Modeling of Human P450c17 (17Î±-Hydroxylase/ 17,20-Lyase): Insights into Reaction Mechanisms and Effects of Mutations. Molecular Endocrinology, 1999, 13, 1169-1182.	3.7	185
24	Congenital Adrenal Hyperplasiaâ€"Current Insights in Pathophysiology, Diagnostics, and Management. Endocrine Reviews, 2022, 43, 91-159.	8.9	182
25	P450c17 Mutations R347H and R358Q Selectively Disrupt 17,20-Lyase Activity by Disrupting Interactions with P450 Oxidoreductase and Cytochrome b₅. Molecular Endocrinology, 1999, 13, 167-175.	3.7	173
26	Adrenal-derived 11-oxygenated 19-carbon steroids are the dominant androgens in classic 21-hydroxylase deficiency. European Journal of Endocrinology, 2016, 174, 601-609.	1.9	168
27	5Î±-Androstane-3Î±,17Î²-Diol Is Formed in Tammar Wallaby Pouch Young Testes by a Pathway Involving 5Î±-Pregnane-3Î±,17Î±-Diol-20-One as a Key Intermediate. Endocrinology, 2003, 144, 575-580.	1.4	166
28	The Rise in Adrenal Androgen Biosynthesis: Adrenarche. Seminars in Reproductive Medicine, 2004, 22, 337-347.	0.5	159
29	Steroid 17-hydroxylase and 17,20-lyase deficiencies, genetic and pharmacologic. Journal of Steroid Biochemistry and Molecular Biology, 2017, 165, 71-78.	1.2	159
30	Associations Among Androgens, Estrogens, and Natriuretic Peptides in Young Women. Journal of the American College of Cardiology, 2007, 49, 109-116.	1.2	156
31	Congenital Adrenal Hyperplasia Due to 21-Hydroxylase Deficiency. New England Journal of Medicine, 2020, 383, 1248-1261.	13.9	155
32	The 17, 20-Lyase Activity of Cytochrome P450c17 from Human Fetal Testis Favors the Î”5Steroidogenic Pathway. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 3762-3766.	1.8	148
33	Redirecting abiraterone metabolism to fine-tune prostate cancer anti-androgen therapy. Nature, 2016, 533, 547-551.	13.7	138
34	Effect ofKCNJ5Mutations on Gene Expression in Aldosterone-Producing Adenomas and Adrenocortical Cells. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E1567-E1572.	1.8	130
35	Adrenal Steroidogenesis and Congenital Adrenal Hyperplasia. Endocrinology and Metabolism Clinics of North America, 2015, 44, 275-296.	1.2	121
36	CYP17 Mutation E305G Causes Isolated 17,20-Lyase Deficiency by Selectively Altering Substrate Binding. Journal of Biological Chemistry, 2003, 278, 48563-48569.	1.6	116

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37	Phenotypic variability in 17?-hydroxysteroid dehydrogenase-3 deficiency and diagnostic pitfalls. Clinical Endocrinology, 2007, 67, 20-28.	1.2	115
38	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. Lancet Diabetes and Endocrinology,the, 2020, 8, 748-761.	5.5	114
39	Primary Aldosteronism. Circulation, 2018, 138, 823-835.	1.6	113
40	Approach to the Patient: The Adult With Congenital Adrenal Hyperplasia. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 2645-2655.	1.8	107
41	11-Oxygenated androgens in health and disease. Nature Reviews Endocrinology, 2020, 16, 284-296.	4.3	99
42	Minireview: Cellular Redox State Regulates Hydroxysteroid Dehydrogenase Activity and Intracellular Hormone Potency. Endocrinology, 2005, 146, 2531-2538.	1.4	95
43	Rapid Cortisol Assays Improve the Success Rate of Adrenal Vein Sampling for Primary Aldosteronism. Annals of Surgery, 2009, 249, 318-321.	2.1	95
44	The diverse chemistry of cytochrome P450 17A1 (P450c17, CYP17A1). Journal of Steroid Biochemistry and Molecular Biology, 2015, 151, 52-65.	1.2	94
45	Abiraterone Inhibits 3Î²-Hydroxysteroid Dehydrogenase: A Rationale for Increasing Drug Exposure in Castration-Resistant Prostate Cancer. Clinical Cancer Research, 2012, 18, 3571-3579.	3.2	87
46	Fertility in patients with genetic deficiencies of cytochrome P450c17 (CYP17A1): combined 17-hydroxylase/17,20-lyase deficiency and isolated 17,20-lyase deficiency. Fertility and Sterility, 2014, 101, 317-322.	0.5	87
47	5Î±-reduced C21 steroids are substrates for human cytochrome P450c17. Archives of Biochemistry and Biophysics, 2003, 418, 151-160.	1.4	86
48	11-Oxygenated Androgens Are Biomarkers of Adrenal Volume and Testicular Adrenal Rest Tumors in 21-Hydroxylase Deficiency. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 2701-2710.	1.8	84
49	Adrenal Androgens and Androgen Precursorsâ€"Definition, Synthesis, Regulation and Physiologic Actions. , 2014, 4, 1369-1381.		80
50	â€œSubclinical Cushingâ€™s syndromeâ€•is not subclinical: improvement after adrenalectomy in 9 patients. Surgery, 2007, 142, 900-905.e1.	1.0	78
51	Use of Prednisone With Abiraterone Acetate in Metastatic Castration-Resistant Prostate Cancer. Oncologist, 2014, 19, 1231-1240.	1.9	78
52	Human Cytochrome P450 21A2, the Major Steroid 21-Hydroxylase. Journal of Biological Chemistry, 2015, 290, 13128-13143.	1.6	74
53	11-Oxygenated C19 Steroids Do Not Decline With Age in Women. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2615-2622.	1.8	74
54	11-ketotestosterone is the dominant circulating bioactive androgen during normal and premature adrenarche. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 4589-4598.	1.8	73

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55	Structural and Functional Biology of Aldo-Keto Reductase Steroid-Transforming Enzymes. Endocrine Reviews, 2019, 40, 447-475.	8.9	73
56	3Î²-Hydroxysteroid Dehydrogenase Is a Possible Pharmacological Target in the Treatment of Castration-Resistant Prostate Cancer. Endocrinology, 2010, 151, 3514-3520.	1.4	71
57	Overview of Dehydroepiandrosterone Biosynthesis. Seminars in Reproductive Medicine, 2004, 22, 281-288.	0.5	70
58	Discordance between imaging and immunohistochemistry in unilateral primary aldosteronism. Clinical Endocrinology, 2017, 87, 665-672.	1.2	68
59	Human Cytochromeb5Requires Residues E48 and E49 to Stimulate the 17,20-Lyase Activity of Cytochrome P450c17â€. Biochemistry, 2006, 45, 755-762.	1.2	66
60	Reversible Sympathetic Overactivity in Hypertensive Patients with Primary Aldosteronism. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 4756-4761.	1.8	65
61	Profiles of 21-Carbon Steroids in 21-hydroxylase Deficiency. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 2283-2290.	1.8	65
62	Abiraterone Acetate to Lower Androgens in Women With Classic 21-Hydroxylase Deficiency. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 2763-2770.	1.8	64
63	Steroid Profiling by Gas Chromatographyâ€“Mass Spectrometry and High Performance Liquid Chromatographyâ€“Mass Spectrometry for Adrenal Diseases. Hormones and Cancer, 2011, 2, 324-332.	4.9	63
64	The Metabolism, Analysis, and Targeting of Steroid Hormones in Breast and Prostate Cancer. Hormones and Cancer, 2016, 7, 149-164.	4.9	62
65	Clinical significance of 11-oxygenated androgens. Current Opinion in Endocrinology, Diabetes and Obesity, 2017, 24, 252-259.	1.2	60
66	Efficacy and safety of levoketoconazole in the treatment of endogenous Cushing's syndrome (SONICS): a phase 3, multicentre, open-label, single-arm trial. Lancet Diabetes and Endocrinology,the, 2019, 7, 855-865.	5.5	60
67	Sex Hormones and Prostate Cancer. Annual Review of Medicine, 2020, 71, 33-45.	5.0	58
68	Human 17Î²-hydroxysteroid dehydrogenases types 1, 2, and 3 catalyze bi-directional equilibrium reactions, rather than unidirectional metabolism, in HEK-293 cells. Archives of Biochemistry and Biophysics, 2004, 429, 50-59.	1.4	57
69	The next 150 years of congenital adrenal hyperplasia. Journal of Steroid Biochemistry and Molecular Biology, 2015, 153, 63-71.	1.2	57
70	Gene expression profiles in aldosterone-producing adenomas and adjacent adrenal glands. European Journal of Endocrinology, 2011, 164, 613-619.	1.9	54
71	Human Steroid Biosynthesis for the Oncologist. Journal of Investigative Medicine, 2012, 60, 495-503.	0.7	54
72	Management considerations for the adult with congenital adrenal hyperplasia. Molecular and Cellular Endocrinology, 2015, 408, 190-197.	1.6	54

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73	Mechanism of 17Î±,20-Lyase and New Hydroxylation Reactions of Human Cytochrome P450 17A1. Journal of Biological Chemistry, 2016, 291, 17143-17164.	1.6	54
74	The â€œbackdoor pathwayâ€•of androgen synthesis in human male sexual development. PLoS Biology, 2019, 17, e3000198.	2.6	54
75	Three Discrete Patterns of Primary Aldosteronism Lateralization in Response to Cosyntropin During Adrenal Vein Sampling. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 5867-5876.	1.8	51
76	Alternative pathway androgen biosynthesis and human fetal female virilization. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22294-22299.	3.3	50
77	Sex Differences in 11-Oxygenated Androgen Patterns Across Adulthood. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e2921-e2929.	1.8	48
78	Defects in Androgen Biosynthesis Causing 46,XY Disorders of Sexual Development. Seminars in Reproductive Medicine, 2012, 30, 417-426.	0.5	46
79	Hypotension following Patent Ductus Arteriosus Ligation: The Role of Adrenal Hormones. Journal of Pediatrics, 2014, 164, 1449-1455.e1.	0.9	46
80	Steroid Assays and Endocrinology: Best Practices for Basic Scientists. Endocrinology, 2014, 155, 2049-2051.	1.4	46
81	Circulating 11-oxygenated androgens across species. Journal of Steroid Biochemistry and Molecular Biology, 2019, 190, 242-249.	1.2	46
82	Single-Dose Study of a Corticotropin-Releasing Factor Receptor-1 Antagonist in Women With 21-Hydroxylase Deficiency. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 1174-1180.	1.8	43
83	HSD3B1(1245A>C) variant regulates dueling abiraterone metabolite effects in prostate cancer. Journal of Clinical Investigation, 2018, 128, 3333-3340.	3.9	43
84	Abiraterone acetate treatment lowers 11-oxygenated androgens. European Journal of Endocrinology, 2020, 182, 413-421.	1.9	43
85	Comprehensive Analysis of Steroid Biomarkers for Guiding Primary Aldosteronism Subtyping. Hypertension, 2020, 75, 183-192.	1.3	42
86	Steroidogenic Metabolism of Galeterone Reveals a Diversity of Biochemical Activities. Cell Chemical Biology, 2017, 24, 825-832.e6.	2.5	41
87	Phase II trial of pazopanib in advanced/progressive malignant pheochromocytoma and paraganglioma. Endocrine, 2017, 57, 220-225.	1.1	40
88	The Rise, Fall, and Resurrection of 11-Oxygenated Androgens in Human Physiology and Disease. Hormone Research in Paediatrics, 2018, 89, 284-291.	0.8	40
89	Adrenal Vein Sampling Lateralization Despite Mineralocorticoid Receptor Antagonists Exposure in Primary Aldosteronism. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 487-492.	1.8	40
90	The enantiomer of progesterone (ent-progesterone) is a competitive inhibitor of human cytochromes P450c17 and P450c21. Archives of Biochemistry and Biophysics, 2003, 409, 134-144.	1.4	39

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91	The Physiology and Biochemistry of Adrenarche. Endocrine Development, 2011, 20, 20-27.	1.3	38
92	Adrenal disorders in pregnancy. Nature Reviews Endocrinology, 2012, 8, 668-678.	4.3	37
93	Cytochrome b5 Activates the 17,20-Lyase Activity of Human Cytochrome P450 17A1 by Increasing the Coupling of NADPH Consumption to Androgen Production. Biochemistry, 2016, 55, 4356-4365.	1.2	37
94	The role of adrenal derived androgens in castration resistant prostate cancer. Journal of Steroid Biochemistry and Molecular Biology, 2020, 197, 105506.	1.2	37
95	Measurement of 18-Hydroxycorticosterone during Adrenal Vein Sampling for Primary Aldosteronism. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 2648-2651.	1.8	35
96	Guidelines for the Development of Comprehensive Care Centers for Congenital Adrenal Hyperplasia: Guidance from the CARES Foundation Initiative. International Journal of Pediatric Endocrinology (Springer), 2010, 2010, 1-17.	1.6	35
97	Mutated KCNJ5 activates the acute and chronic regulatory steps in aldosterone production. Journal of Molecular Endocrinology, 2016, 57, 1-11.	1.1	35
98	Age-dependent Increases in Adrenal Cytochrome b5 and Serum 5-Androstenediol-3-sulfate. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 4585-4593.	1.8	34
99	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 EntireCYP17Gene in HEK-293 Cells. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 43-48.	1.8	33
100	46,XX DSD: the masculinised female. Best Practice and Research in Clinical Endocrinology and Metabolism, 2010, 24, 219-242.	2.2	33
101	Catalytically Relevant Electrostatic Interactions of Cytochrome P450c17 (CYP17A1) and Cytochrome b5. Journal of Biological Chemistry, 2014, 289, 33838-33849.	1.6	32
102	Minor Activities and Transition State Properties of the Human Steroid Hydroxylases Cytochromes P450c17 and P450c21, from Reactions Observed with Deuterium-Labeled Substrates. Biochemistry, 2012, 51, 7064-7077.	1.2	31
103	Influence of race/ethnicity on cardiovascular risk factors in polycystic ovary syndrome, the Dallas Heart Study. Clinical Endocrinology, 2016, 85, 92-99.	1.2	31
104	The Clinical Impact of [⁶⁸Ga]â€ÐOTATATE PET/CT for the Diagnosis and Management of Ectopic Adrenocorticotropic Hormone â€“ Secreting Tumours. Clinical Endocrinology, 2019, 91, 288-294.	1.2	31
105	Randomized Trial of Osilodrostat for the Treatment of Cushing Disease. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e2882-e2895.	1.8	31
106	Making water-soluble integral membrane proteins in vivo using an amphipathic protein fusion strategy. Nature Communications, 2015, 6, 6826.	5.8	30
107	Identification of Unique Antigenic Determinants in the Amino Terminus of IA-2 (ICA512) in Childhood and Adult Autoimmune Diabetes: New Biomarker Development. Diabetes Care, 2017, 40, 561-568.	4.3	30
108	A-ring modified steroidal azoles retaining similar potent and slowly reversible CYP17A1 inhibition as abiraterone. Journal of Steroid Biochemistry and Molecular Biology, 2014, 143, 1-10.	1.2	29

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109	The Classic and Nonclassic Concenital Adrenal Hyperplasias. Endocrine Practice, 2015, 21, 383-389.	1.1	29
110	Mass spectrometry theory and application to adrenal diseases. Molecular and Cellular Endocrinology, 2013, 371, 201-207.	1.6	28
111	Mechanistic Scrutiny Identifies a Kinetic Role for Cytochrome b5 Regulation of Human Cytochrome P450c17 (CYP17A1, P450 17A1). PLoS ONE, 2015, 10, e0141252.	1.1	28
112	The Action of Cytochrome b₅ on CYP2E1 and CYP2C19 Activities Requires Anionic Residues D58 and D65. Biochemistry, 2013, 52, 210-220.	1.2	27
113	Steroid biomarkers in human adrenal disease. Journal of Steroid Biochemistry and Molecular Biology, 2019, 190, 273-280.	1.2	27
114	Predicted Benign and Synonymous Variants in CYP11A1 Cause Primary Adrenal Insufficiency Through Missplicing. Journal of the Endocrine Society, 2019, 3, 201-221.	0.1	27
115	Instability of the Human Cytochrome P450 Reductase A287P Variant Is the Major Contributor to Its Antley-Bixler Syndrome-like Phenotype. Journal of Biological Chemistry, 2016, 291, 20487-20502.	1.6	26
116	Development and validation of a novel LCâ€“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. Journal of Steroid Biochemistry and Molecular Biology, 2017, 172, 231-239.	1.2	26
117	Obesity-Induced Infertility in Male Mice Is Associated With Disruption of Crisp4 Expression and Sperm Fertilization Capacity. Endocrinology, 2017, 158, 2930-2943.	1.4	26
118	Human Urinary mRNA as a Biomarker of Cardiovascular Disease. Circulation Genomic and Precision Medicine, 2018, 11, e002213.	1.6	25
119	Congenital adrenal hyperplasia in adults. Current Opinion in Endocrinology, Diabetes and Obesity, 2010, 17, 210-216.	1.2	24
120	Why Human Cytochrome P450c21 Is a Progesterone 21-Hydroxylase. Biochemistry, 2011, 50, 3968-3974.	1.2	24
121	Adrenocorticotropin Acutely Regulates Pregnenolone Sulfate Production by the Human Adrenal In Vivo and In Vitro. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 320-327.	1.8	24
122	Androgen excess and diagnostic steroid biomarkers for nonclassic 21-hydroxylase deficiency without cosyntropin stimulation. European Journal of Endocrinology, 2020, 183, 63-71.	1.9	24
123	Arginine 276 Controls the Directional Preference of AKR1C9 (Rat Liver 3Î±-Hydroxysteroid) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.4	23
124	Congenital Adrenal Hyperplasiaâ€”More Dogma Bites the Dust. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 772-775.	1.8	23
125	P450 Enzymes in Steroid Processing. , 2015, , 851-879.		23
126	Approach to the Patient with Primary Aldosteronism: Utility and Limitations of Adrenal Vein Sampling. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 1195-1208.	1.8	23

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127	11-Oxygenated Androgens Useful in the Setting of Discrepant Conventional Biomarkers in 21-Hydroxylase Deficiency. Journal of the Endocrine Society, 2021, 5, bvaa192.	0.1	23
128	Strategies that athletes use to avoid detection of androgenic-anabolic steroid doping and sanctions. Molecular and Cellular Endocrinology, 2018, 464, 28-33.	1.6	21
129	Endocrine causes of hypertension in pregnancy. Gland Surgery, 2020, 9, 69-79.	0.5	21
130	Tildacerfont in Adults With Classic Congenital Adrenal Hyperplasia: Results from Two Phase 2 Studies. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e4666-e4679.	1.8	21
131	Clinical advances in the pharmacotherapy of congenital adrenal hyperplasia. European Journal of Endocrinology, 2022, 186, R1-R14.	1.9	21
132	Bone Morphogenetic Protein-4 (BMP4): A Paracrine Regulator of Human Adrenal C19 Steroid Synthesis. Endocrinology, 2015, 156, 2530-2540.	1.4	20
133	Molecular Recognition in Mitochondrial Cytochromes P450 That Catalyze the Terminal Steps of Corticosteroid Biosynthesis. Biochemistry, 2017, 56, 2282-2293.	1.2	20
134	Metabolic, Reproductive, and Neurologic Abnormalities in Agpat1-Null Mice. Endocrinology, 2017, 158, 3954-3973.	1.4	20
135	Association of Maternal-Neonatal Steroids With Early Pregnancy Endocrine Disrupting Chemicals and Pregnancy Outcomes. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 665-687.	1.8	20
136	Glucocorticoid Withdrawal Syndrome following treatment of endogenous Cushing Syndrome. Pituitary, 2022, 25, 393-403.	1.6	20
137	CYP17A1 Intron Mutation Causing Cryptic Splicing in 17Î±-Hydroxylase Deficiency. PLoS ONE, 2011, 6, e25492.	1.1	19
138	A Phase 2, Multicenter Study of Nevanimibe for the Treatment of Congenital Adrenal Hyperplasia. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 2771-2778.	1.8	19
139	Crinecerfont Lowers Elevated Hormone Markers in Adults With 21-Hydroxylase Deficiency Congenital Adrenal Hyperplasia. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 801-812.	1.8	19
140	Analysis of novel heterozygous mutations in the CYP11B2 gene causing congenital aldosterone synthase deficiency and literature review. Steroids, 2019, 150, 108448.	0.8	16
141	Non-traditional metabolic pathways of adrenal steroids. Reviews in Endocrine and Metabolic Disorders, 2009, 10, 27-32.	2.6	15
142	11-Oxygenated C19 Steroids Do Not Distinguish the Hyperandrogenic Phenotype of PCOS Daughters from Girls with Obesity. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e3903-e3909.	1.8	15
143	A virtual teaching clinic for virtual care during the COVID-19 pandemic. Clinical Diabetes and Endocrinology, 2020, 6, 25.	1.3	14
144	Two surfaces of cytochrome b5 with major and minor contributions to CYP3A4-catalyzed steroid and nifedipine oxygenation chemistries. Archives of Biochemistry and Biophysics, 2014, 541, 53-60.	1.4	13

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145	Genetic Forms of Adrenal Insufficiency. Endocrine Practice, 2015, 21, 395-399.	1.1	13
146	Impaired 17,20-Lyase Activity in Male Mice Lacking Cytochrome b5 in Leydig Cells. Molecular Endocrinology, 2016, 30, 469-478.	3.7	13
147	TOWARDS A UNIFYING MECHANISM FOR CYP17 MUTATIONS THAT CAUSE ISOLATED 17, 20-LYASE DEFICIENCY. Endocrine Research, 2002, 28, 443-447.	0.6	12
148	Aldo is back: recent advances and unresolved controversies in hyperaldosteronism. Current Opinion in Nephrology and Hypertension, 2003, 12, 153-158.	1.0	12
149	Mifepristone in the treatment of the ectopic adrenocorticotropic hormone syndrome. Clinical Endocrinology, 2018, 89, 570-576.	1.2	12
150	The Unique Role of 11-Oxygenated C19 Steroids in Both Premature Adrenarche and Premature Pubarche. Hormone Research in Paediatrics, 2020, 93, 460-469.	0.8	12
151	Production of 11-Oxygenated Androgens by Testicular Adrenal Rest Tumors. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e272-e280.	1.8	12
152	Circadian rhythms of 11-oxygenated C19 steroids and âˆ†5-steroid sulfates in healthy men. European Journal of Endocrinology, 2021, 185, K1-K6.	1.9	12
153	Recalibrating Interpretations of Aldosterone Assays Across the Physiologic Range: Immunoassay and Liquid Chromatographyâ€“Tandem Mass Spectrometry Measurements Under Multiple Controlled Conditions. Journal of the Endocrine Society, 2022, 6, bvac049.	0.1	12
154	Aldosterone and Salt Loading Independently Exacerbate the Exercise Pressor Reflex in Rats. Hypertension, 2015, 66, 627-633.	1.3	11
155	Exhaled nitric oxide and vascular endothelial growth factor as predictors of cold symptoms after stress. Biological Psychology, 2018, 132, 116-124.	1.1	11
156	Phase 2 Randomized, Placebo-Controlled Clinical Trial of Recombinant Human Growth Hormone (rhGH) During Rehabilitation From Traumatic Brain Injury. Frontiers in Endocrinology, 2018, 9, 520.	1.5	11
157	Clamping Cortisol and Testosterone Mitigates the Development of Insulin Resistance during Sleep Restriction in Men. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e3436-e3448.	1.8	11
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159	Androstenedione Is the Preferred Androgen Source in Hormone Refractory Prostate Cancerâ€”Letter. Clinical Cancer Research, 2014, 20, 4971-4971.	3.2	9
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