Richard J Auchus

List of Publications by Year in Descending Order

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	Randomized trial of osilodrostat for the treatment of Cushing disease.. *Journal of Clinical Endocrinology and Metabolism*, **2022**,	5.6	3
199	Recalibrating Interpretations of Aldosterone Assays Across the Physiologic Range: Immunoassay and Liquid Chromatography-Tandem Mass Spectrometry Measurements Under Multiple Controlled Conditions.. *Journal of the Endocrine Society*, **2022**, 6, bvac049	0.4	0
198	Glucocorticoid Withdrawal Syndrome following treatment of endogenous Cushing Syndrome.. *Pituitary*, **2022**, 1	4.3	2
197	The uncommon forms of congenital adrenal hyperplasia. *Current Opinion in Endocrinology, Diabetes and Obesity*, **2022**, 29, 263-270	4	0
196	Approach to the Patient with Primary Aldosteronism: Utility and Limitations of Adrenal Vein Sampling. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, 1195-1208	5.6	6
195	11-Oxygenated Androgens Useful in the Setting of Discrepant Conventional Biomarkers in 21-Hydroxylase Deficiency. *Journal of the Endocrine Society*, **2021**, 5, bvaa192	0.4	7
194	Clinical advances in the pharmacotherapy of congenital adrenal hyperplasia. *European Journal of Endocrinology*, **2021**, 186, R1-R14	6.5	0
193	24-Hour Profiles of 11-Oxygenated C Steroids and Steroid Sulfates during Oral and Continuous Subcutaneous Glucocorticoids in 21-Hydroxylase Deficiency. *Frontiers in Endocrinology*, **2021**, 12, 751191	5.7	1
192	Differences of adrenal-derived androgens in 5reductase deficiency versus androgen insensitivity syndrome. *Clinical and Translational Science*, **2021**,	4.9	1
191	Consensus on diagnosis and management of Cushing disease: a guideline update. *Lancet Diabetes and Endocrinology,the*, **2021**, 9, 847-875	18.1	48
190	Crinecerfont Lowers Elevated Hormone Markers in Adults with 21-Hydroxylase Deficiency Congenital Adrenal Hyperplasia. *Journal of Clinical Endocrinology and Metabolism*, **2021**,	5.6	5
189	Congenital adrenal hyperplasia - current insights in pathophysiology, diagnostics and management. *Endocrine Reviews*, **2021**,	27.2	28
188	Osteoblasts Generate Testosterone From DHEA and Activate Androgen Signaling in Prostate Cancer Cells. *Journal of Bone and Mineral Research*, **2021**, 36, 1566-1579	6.3	0
187	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	5.6	2
186	Tildacerfont in Adults With Classic Congenital Adrenal Hyperplasia: Results from Two Phase 2 Studies. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, e4666-e4679	5.6	6
185	Levoketoconazole: a novel treatment for endogenous Cushing syndrome. *Expert Review of Endocrinology and Metabolism*, **2021**, 16, 159-174	4.1	3
184	Salt-Losing 21-Hydroxylase Deficiency Caused by Double Homozygosity for Two "Mild" Mutations. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, e680-e686	5.6	2

183	Association of Maternal-Neonatal Steroids With Early Pregnancy Endocrine Disrupting Chemicals and Pregnancy Outcomes. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, 665-687	5.6	4
182	Production of 11-oxygenated androgens by testicular adrenal rest tumors. *Journal of Clinical Endocrinology and Metabolism*, **2021**,	5.6	1
181	Approach to the Patient with an Incidental Adrenal Mass. *Medical Clinics of North America*, **2021**, 105, 1047-1063	7	0
180	Intratumoral steroid profiling of adrenal cortisol-producing adenomas by liquid chromatography-mass spectrometry. *Journal of Steroid Biochemistry and Molecular Biology*, **2021**, 212, 105924	5.1	0
179	The Dark Side of hormone prescription. *Endocrine Connections*, **2021**, 10, C1-C3	3.5	0
178	Circadian rhythms of 11-oxygenated C19 steroids and Δ5-steroid sulfates in healthy men. *European Journal of Endocrinology*, **2021**, 185, K1-K6	6.5	5
177	MON-183 Adrenal Androgen Control and Steroidal Side Effects in Adolescents and Adults with Congenital Adrenal Hyperplasia Treated with Glucocorticoids. *Journal of the Endocrine Society*, **2020**, 4,	0.4	78
176	Sex Differences in 11-Oxygenated Androgen Patterns Across Adulthood. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	24
175	Endocrine causes of hypertension in pregnancy. *Gland Surgery*, **2020**, 9, 69-79	2.2	12
174	11-Oxygenated androgens in health and disease. *Nature Reviews Endocrinology*, **2020**, 16, 284-296	15.2	37
173	A Phase 2, Multicenter Study of Nevanimibe for the Treatment of Congenital Adrenal Hyperplasia. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	10
172	Abiraterone acetate treatment lowers 11-oxygenated androgens. *European Journal of Endocrinology*, **2020**, 182, 413-421	6.5	18
171	Androgen excess and diagnostic steroid biomarkers for nonclassic 21-hydroxylase deficiency without cosyntropin stimulation. *European Journal of Endocrinology*, **2020**, 183, 63-71	6.5	8
170	The role of adrenal derived androgens in castration resistant prostate cancer. *Journal of Steroid Biochemistry and Molecular Biology*, **2020**, 197, 105506	5.1	17
169	Comprehensive Analysis of Steroid Biomarkers for Guiding Primary Aldosteronism Subtyping. *Hypertension*, **2020**, 75, 183-192	8.5	21
168	Congenital Adrenal Hyperplasia Due to 21-Hydroxylase Deficiency. *New England Journal of Medicine*, **2020**, 383, 1248-1261	59.2	59
167	Reply to Flück et al.: Alternative androgen pathway biosynthesis drives fetal female virilization in P450 oxidoreductase deficiency. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 14634-14635	11.5	2
166	A virtual teaching clinic for virtual care during the COVID-19 pandemic. *Clinical Diabetes and Endocrinology*, **2020**, 6, 25	4.7	8

165	Expression in Escherichia Coli, Purification, and Functional Reconstitution of Human Steroid 5Reductases. *Endocrinology*, **2020**, 161,	4.8	3
164	Efficacy and safety of osilodrostat in patients with Cushing disease (LINC 3): a multicentre phase III study with a double-blind, randomised withdrawal phase. *Lancet Diabetes and Endocrinology,the*, **2020**, 8, 748-761	18.1	47
163	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,	5.6	6
162	Sex Hormones and Prostate Cancer. *Annual Review of Medicine*, **2020**, 71, 33-45	17.4	23
161	The Unique Role of 11-Oxygenated C19 Steroids in Both Premature Adrenarche and Premature Pubarche. *Hormone Research in Paediatrics*, **2020**, 93, 460-469	3.3	2
160	Efficacy and safety of levoketoconazole in the treatment of endogenous Cushing syndrome (SONICS): a phase 3, multicentre, open-label, single-arm trial. *Lancet Diabetes and Endocrinology,the* , **2019**, 7, 855-865	18.1	34
159	Steroid biomarkers in human adrenal disease. *Journal of Steroid Biochemistry and Molecular Biology*, **2019**, 190, 273-280	5.1	19
158	11-Oxygenated C19 Steroids Do Not Decline With Age in Women. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 2615-2622	5.6	42
157	The Clinical Impact of [Ga]-DOTATATE PET/CT for the Diagnosis and Management of Ectopic Adrenocorticotropic Hormone - Secreting Tumours. *Clinical Endocrinology*, **2019**, 91, 288-294	3.4	19
156	Response to Letter to the Editor: "Congenital Adrenal Hyperplasia Due to Steroid 21-Hydroxylase Deficiency: An Endocrine Society Clinical Practice Guideline". *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 1928	5.6	1
155	Circulating 11-oxygenated androgens across species. *Journal of Steroid Biochemistry and Molecular Biology*, **2019**, 190, 242-249	5.1	27
154	The "backdoor pathway" of androgen synthesis in human male sexual development. *PLoS Biology*, **2019**, 17, e3000198	9.7	25
153	Endocrine Disturbances Affecting Reproduction **2019**, 594-608.e5		
152	Analysis of novel heterozygous mutations in the CYP11B2 gene causing congenital aldosterone synthase deficiency and literature review. *Steroids*, **2019**, 150, 108448	2.8	5
151	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	11.5	22
150	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	5.6	27
149	OR16-2 Osilodrostat Treatment in Cushing Disease (CD): Results from a Phase III, Multicenter, Double-Blind, Randomized Withdrawal Study (LINC 3). *Journal of the Endocrine Society*, **2019**, 3,	0.4	3
148	SUN-LB064 A Phase 2, Dose-Escalation, Safety and Efficacy Study of Tildacerfont (SPR001) for the Treatment of Patients with Classic Congenital Adrenal Hyperplasia. *Journal of the Endocrine Society*, **2019**, 3,	0.4	1

147	Adrenal Vein Sampling Lateralization Despite Mineralocorticoid Receptor Antagonists Exposure in Primary Aldosteronism. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 487-492	5.6	18
146	Introduction to the 2018 Keith L. Parker Award Lecture, William E. Rainey, PhD. *Journal of Steroid Biochemistry and Molecular Biology*, **2019**, 188, 131-133	5.1	0
145	Predicted Benign and Synonymous Variants in Cause Primary Adrenal Insufficiency Through Missplicing. *Journal of the Endocrine Society*, **2019**, 3, 201-221	0.4	13
144	Structural and Functional Biology of Aldo-Keto Reductase Steroid-Transforming Enzymes. *Endocrine Reviews*, **2019**, 40, 447-475	27.2	32
143	Germ cell neoplasia in situ complicating 17β-hydroxysteroid dehydrogenase type 3 deficiency. *Molecular and Cellular Endocrinology*, **2019**, 489, 3-8	4.4	2
142	Androgen Biosynthesis and Gene Defects **2019**, 713-720		
141	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	5.6	17
140	Catalytic modulation of human cytochromes P450 17A1 and P450 11B2 by phospholipid. *Journal of Steroid Biochemistry and Molecular Biology*, **2018**, 181, 63-72	5.1	5
139	Strategies that athletes use to avoid detection of androgenic-anabolic steroid doping and sanctions. *Molecular and Cellular Endocrinology*, **2018**, 464, 28-33	4.4	15
138	Mifepristone in the treatment of the ectopic adrenocorticotropic hormone syndrome. *Clinical Endocrinology*, **2018**, 89, 570-576	3.4	6
137	The Rise, Fall, and Resurrection of 11-Oxygenated Androgens in Human Physiology and Disease. *Hormone Research in Paediatrics*, **2018**, 89, 284-291	3.3	27
136	Primary Aldosteronism: Practical Approach to Diagnosis and Management. *Circulation*, **2018**, 138, 823-835	16.7	66
135	HSD3B1(1245A>C) variant regulates dueling abiraterone metabolite effects in prostate cancer. *Journal of Clinical Investigation*, **2018**, 128, 3333-3340	15.9	32
134	Exhaled nitric oxide and vascular endothelial growth factor as predictors of cold symptoms after stress. *Biological Psychology*, **2018**, 132, 116-124	3.2	7
133	11-Ketotestosterone Is the Dominant Circulating Bioactive Androgen During Normal and Premature Adrenarche. *Journal of Clinical Endocrinology and Metabolism*, **2018**, 103, 4589-4598	5.6	52
132	Human Urinary mRNA as a Biomarker of Cardiovascular Disease. *Circulation Genomic and Precision Medicine*, **2018**, 11, e002213	5.2	13
131	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	5.7	8
130	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	5.6	371

129	Adrenocortical carcinoma in a 17th-century girl. *Journal of Steroid Biochemistry and Molecular Biology*, **2017**, 165, 109-113	5.1	3
128	Steroid 17-hydroxylase and 17,20-lyase deficiencies, genetic and pharmacologic. *Journal of Steroid Biochemistry and Molecular Biology*, **2017**, 165, 71-78	5.1	99
127	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. *Journal of Steroid Biochemistry and Molecular Biology*, **2017**, 172, 231-239	5.1	20
126	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	14.6	22
125	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	5.6	51
124	Steroidogenic Metabolism of Galeterone Reveals a Diversity of Biochemical Activities. *Cell Chemical Biology*, **2017**, 24, 825-832.e6	8.2	31
123	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	18.1	355
122	Molecular Recognition in Mitochondrial Cytochromes P450 That Catalyze the Terminal Steps of Corticosteroid Biosynthesis. *Biochemistry*, **2017**, 56, 2282-2293	3.2	16
121	Clinical significance of 11-oxygenated androgens. *Current Opinion in Endocrinology, Diabetes and Obesity*, **2017**, 24, 252-259	4	38
120	A high rate of novel CYP11B1 mutations in Saudi Arabia. *Journal of Steroid Biochemistry and Molecular Biology*, **2017**, 174, 217-224	5.1	3
119	Metabolic, Reproductive, and Neurologic Abnormalities in Agpat1-Null Mice. *Endocrinology*, **2017**, 158, 3954-3973	4.8	9
118	Discordance between imaging and immunohistochemistry in unilateral primary aldosteronism. *Clinical Endocrinology*, **2017**, 87, 665-672	3.4	41
117	An International Consortium Update: Pathophysiology, Diagnosis, and Treatment of Polycystic Ovarian Syndrome in Adolescence. *Hormone Research in Paediatrics*, **2017**, 88, 371-395	3.3	166
116	Phase II trial of pazopanib in advanced/progressive malignant pheochromocytoma and paraganglioma. *Endocrine*, **2017**, 57, 220-225	4	33
115	Obesity-Induced Infertility in Male Mice Is Associated With Disruption of Crisp4 Expression and Sperm Fertilization Capacity. *Endocrinology*, **2017**, 158, 2930-2943	4.8	19
114	Electrochemistry of cytochrome P450 17α-hydroxylase/17,20-lyase (P450c17). *Molecular and Cellular Endocrinology*, **2017**, 441, 62-67	4.4	3
113	Mild Adrenal Cortisol Excess **2017**, 181-197		1
112	Age-dependent Increases in Adrenal Cytochrome b5 and Serum 5-Androstenediol-3-sulfate. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 4585-4593	5.6	26

111	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, 4356-65	3.2	32
110	Opposing Effects of Cyclooxygenase-2 (COX-2) on Estrogen Receptor [ER] Response to 5 Reductase Inhibition in Prostate Epithelial Cells. *Journal of Biological Chemistry*, **2016**, 291, 14747-60	5.4	7
109	Influence of race/ethnicity on cardiovascular risk factors in polycystic ovary syndrome, the Dallas Heart Study. *Clinical Endocrinology*, **2016**, 85, 92-9	3.4	24
108	Mechanism of 17 20-Lyase and New Hydroxylation Reactions of Human Cytochrome P450 17A1: 18O LABELING AND OXYGEN SURROGATE EVIDENCE FOR A ROLE OF A PERFERRYL OXYGEN. *Journal of Biological Chemistry*, **2016**, 291, 17143-64	5.4	41
107	Impaired 17,20-Lyase Activity in Male Mice Lacking Cytochrome b5 in Leydig Cells. *Molecular Endocrinology*, **2016**, 30, 469-78		11
106	Cortisol response to acute stress in asthma: Moderation by depressive mood. *Physiology and Behavior*, **2016**, 159, 20-6	3.5	8
105	Global Disorders of Sex Development Update since 2006: Perceptions, Approach and Care. *Hormone Research in Paediatrics*, **2016**, 85, 158-80	3.3	379
104	The Metabolism, Analysis, and Targeting of Steroid Hormones in Breast and Prostate Cancer. *Hormones and Cancer*, **2016**, 7, 149-64	5	48
103	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, 1174-80	5.6	32
102	Adrenal-derived 11-oxygenated 19-carbon steroids are the dominant androgens in classic 21-hydroxylase deficiency. *European Journal of Endocrinology*, **2016**, 174, 601-9	6.5	120
101	Rapid kinetic methods to dissect steroidogenic cytochrome P450 reaction mechanisms. *Journal of Steroid Biochemistry and Molecular Biology*, **2016**, 161, 13-23	5.1	5
100	Mifepristone Improves Octreotide Efficacy in Resistant Ectopic Cushing Syndrome. *Case Reports in Endocrinology*, **2016**, 2016, 8453801	1.2	4
99	Classics in Cardiovascular Endocrinology: Aldosterone Action Beyond Electrolytes. *Endocrinology*, **2016**, 157, 429-31	4.8	3
98	Redirecting abiraterone metabolism to fine-tune prostate cancer anti-androgen therapy. *Nature*, **2016**, 533, 547-51	50.4	116
97	Mutated KCNJ5 activates the acute and chronic regulatory steps in aldosterone production. *Journal of Molecular Endocrinology*, **2016**, 57, 1-11	4.5	26
96	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, 20487-502	5.4	16
95	Management considerations for the adult with congenital adrenal hyperplasia. *Molecular and Cellular Endocrinology*, **2015**, 408, 190-7	4.4	37
94	Genetic forms of adrenal insufficiency. *Endocrine Practice*, **2015**, 21, 395-9	3.2	10

93	Making water-soluble integral membrane proteins in vivo using an amphipathic protein fusion strategy. *Nature Communications*, **2015**, 6, 6826	17.4	17
92	The classic and nonclassic concenital adrenal hyperplasias. *Endocrine Practice*, **2015**, 21, 383-9	3.2	20
91	Profiles of 21-Carbon Steroids in 21-hydroxylase Deficiency. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, 2283-90	5.6	53
90	The diverse chemistry of cytochrome P450 17A1 (P450c17, CYP17A1). *Journal of Steroid Biochemistry and Molecular Biology*, **2015**, 151, 52-65	5.1	55
89	In reply. *Oncologist*, **2015**, 20, e14	5.7	
88	Conversion of abiraterone to D4A drives anti-tumour activity in prostate cancer. *Nature*, **2015**, 523, 347-51	50.4	190
87	The next 150 years of congenital adrenal hyperplasia. *Journal of Steroid Biochemistry and Molecular Biology*, **2015**, 153, 63-71	5.1	43
86	Adrenal steroidogenesis and congenital adrenal hyperplasia. *Endocrinology and Metabolism Clinics of North America*, **2015**, 44, 275-96	5.5	69
85	Human Cytochrome P450 21A2, the Major Steroid 21-Hydroxylase: STRUCTURE OF THE ENZYME□PROGESTERONE SUBSTRATE COMPLEX AND RATE-LIMITING C-H BOND CLEAVAGE. *Journal of Biological Chemistry*, **2015**, 290, 13128-43	5.4	55
84	Bone Morphogenetic Protein-4 (BMP4): A Paracrine Regulator of Human Adrenal C19 Steroid Synthesis. *Endocrinology*, **2015**, 156, 2530-40	4.8	16
83	Aldosterone and Salt Loading Independently Exacerbate the Exercise Pressor Reflex in Rats. *Hypertension*, **2015**, 66, 627-33	8.5	10
82	Mechanistic Scrutiny Identifies a Kinetic Role for Cytochrome b5 Regulation of Human Cytochrome P450c17 (CYP17A1, P450 17A1). *PLoS ONE*, **2015**, 10, e0141252	3.7	22
81	P450 Enzymes in Steroid Processing **2015**, 851-879		10
80	Serum Cortisol-to-Cortisone Ratio and Blood Pressure in Severe Obesity before and after Weight Loss. *CardioRenal Medicine*, **2015**, 6, 1-7	2.8	5
79	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	5.1	25
78	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	4.1	13
77	Epoxidation activities of human cytochromes P450c17 and P450c21. *Biochemistry*, **2014**, 53, 7531-40	3.2	7
76	Catalytically relevant electrostatic interactions of cytochrome P450c17 (CYP17A1) and cytochrome b5. *Journal of Biological Chemistry*, **2014**, 289, 33838-49	5.4	25

75	Abiraterone acetate to lower androgens in women with classic 21-hydroxylase deficiency. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, 2763-70	5.6	45
74	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, 317-22	4.8	55
73	Paradoxical Results after Inadvertent Use of Cosyntropin [Adrenocorticotropin Hormone (1-24)] Rather than Acthrel (Ovine Corticotropin Releasing Hormone) during Inferior Petrosal Sinus Sampling. *Endocrine Practice*, **2014**, 20, 646-9	3.2	3
72	An expert consensus statement on use of adrenal vein sampling for the subtyping of primary aldosteronism. *Hypertension*, **2014**, 63, 151-60	8.5	338
71	Use of prednisone with abiraterone acetate in metastatic castration-resistant prostate cancer. *Oncologist*, **2014**, 19, 1231-40	5.7	57
70	Adrenal androgens and androgen precursors-definition, synthesis, regulation and physiologic actions. *Comprehensive Physiology*, **2014**, 4, 1369-81	7.7	50
69	Androstenedione is the preferred androgen source in hormone refractory prostate cancer--letter. *Clinical Cancer Research*, **2014**, 20, 4971	12.9	9
68	Hypotension following patent ductus arteriosus ligation: the role of adrenal hormones. *Journal of Pediatrics*, **2014**, 164, 1449-55.e1	3.6	39
67	A gain-of-function mutation in DHT synthesis in castration-resistant prostate cancer. *Cell*, **2013**, 154, 1074-1084	56.2	210
66	Approach to the patient: the adult with congenital adrenal hyperplasia. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, 2645-55	5.6	84
65	Mass spectrometry theory and application to adrenal diseases. *Molecular and Cellular Endocrinology* , **2013**, 371, 201-7	4.4	25
64	The action of cytochrome b(5) on CYP2E1 and CYP2C19 activities requires anionic residues D58 and D65. *Biochemistry*, **2013**, 52, 210-20	3.2	25
63	Introduction to the 2012 Keith L. Parker memorial lecturer: Walter L. Miller, MD. *Molecular and Cellular Endocrinology*, **2013**, 371, 2-4	4.4	0
62	Secondary Adrenal Insufficiency **2013**, 32-46		
61	Gene mutations that promote adrenal aldosterone production, sodium retention, and hypertension. *The Application of Clinical Genetics*, **2013**, 7, 1-13	3.1	2
60	Mifepristone, a glucocorticoid receptor antagonist, produces clinical and metabolic benefits in patients with Cushing's syndrome. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, 2039-49	5.6	323
59	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, 7064-77	3.2	29
58	Synthesis of halogenated pregnanes, mechanistic probes of steroid hydroxylases CYP17A1 and CYP21A2. *Journal of Steroid Biochemistry and Molecular Biology*, **2012**, 128, 38-50	5.1	7

57	Adrenal disorders in pregnancy. *Nature Reviews Endocrinology*, **2012**, 8, 668-78	15.2	24
56	The Adrenal Vein Sampling International Study (AVIS) for identifying the major subtypes of primary aldosteronism. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, 1606-14	5.6	243
55	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, 507-16	5.6	199
54	Effect of KCNJ5 mutations on gene expression in aldosterone-producing adenomas and adrenocortical cells. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, E1567-72	5.6	112
53	Defects in androgen biosynthesis causing 46,XY disorders of sexual development. *Seminars in Reproductive Medicine*, **2012**, 30, 417-26	1.4	41
52	Abiraterone inhibits 3β-hydroxysteroid dehydrogenase: a rationale for increasing drug exposure in castration-resistant prostate cancer. *Clinical Cancer Research*, **2012**, 18, 3571-9	12.9	79
51	Human steroid biosynthesis for the oncologist. *Journal of Investigative Medicine*, **2012**, 60, 495-503	2.9	45
50	The physiology and biochemistry of adrenarche. *Endocrine Development*, **2011**, 20, 20-27		30
49	The molecular biology, biochemistry, and physiology of human steroidogenesis and its disorders. *Endocrine Reviews*, **2011**, 32, 81-151	27.2	1314
48	Why human cytochrome P450c21 is a progesterone 21-hydroxylase. *Biochemistry*, **2011**, 50, 3968-74	3.2	19
47	The life and scientific contributions of Keith L. Parker, 1953-2008. *Molecular and Cellular Endocrinology*, **2011**, 336, 191-2	4.4	1
46	CYP17A1 intron mutation causing cryptic splicing in 17α-hydroxylase deficiency. *PLoS ONE*, **2011**, 6, e25492	3.7	15
45	Primary aldosteronism and a Texas two-step. *Reviews in Endocrine and Metabolic Disorders*, **2011**, 12, 37-42	10.5	6
44	Steroid profiling by gas chromatography-mass spectrometry and high performance liquid chromatography-mass spectrometry for adrenal diseases. *Hormones and Cancer*, **2011**, 2, 324-32	5	49
43	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, 13728-33	11.5	255
42	Gene expression profiles in aldosterone-producing adenomas and adjacent adrenal glands. *European Journal of Endocrinology*, **2011**, 164, 613-9	6.5	47
41	Combined 17α-hydroxylase/17,20-lyase deficiency due to p.R96W mutation in the CYP17 gene in a Brazilian patient. *Arquivos Brasileiros De Endocrinologia E Metabologia*, **2010**, 54, 744-8		5
40	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, 275213	1.5	20

39	Management of the adult with congenital adrenal hyperplasia. *International Journal of Pediatric Endocrinology (Springer)*, **2010**, 2010, 614107	1.5	3
38	3beta-hydroxysteroid dehydrogenase is a possible pharmacological target in the treatment of castration-resistant prostate cancer. *Endocrinology*, **2010**, 151, 3514-20	4.8	60
37	Reversible sympathetic overactivity in hypertensive patients with primary aldosteronism. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, 4756-61	5.6	55
36	46,XX DSD: the masculinised female. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2010**, 24, 219-42	6.5	22
35	Congenital adrenal hyperplasia in adults. *Current Opinion in Endocrinology, Diabetes and Obesity*, **2010**, 17, 210-6	4	18
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