Nils P Krone

List of Publications by Year
in descending order

114 papers	6,149 citations	76326 40 h-index	76900 74 g-index
119 all docs	119 docs citations	119 times ranked	4524 citing authors

#	Article	IF	Citations
1	Health Status of Adults with Congenital Adrenal Hyperplasia: A Cohort Study of 203 Patients. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 5110-5121.	3.6	408
2	Urine Steroid Metabolomics as a Biomarker Tool for Detecting Malignancy in Adrenal Tumors. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 3775-3784.	3.6	369
3	Gas chromatography/mass spectrometry (GC/MS) remains a pre-eminent discovery tool in clinical steroid investigations even in the era of fast liquid chromatography tandem mass spectrometry (LC/MS/MS). Journal of Steroid Biochemistry and Molecular Biology, 2010, 121, 496-504.	2.5	353
4	Predicting Phenotype in Steroid 21-Hydroxylase Deficiency? Comprehensive Genotyping in 155 Unrelated, Well Defined Patients from Southern Germany. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 1059-1065.	3.6	339
5	Genetics of congenital adrenal hyperplasia. Best Practice and Research in Clinical Endocrinology and Metabolism, 2009, 23, 181-192.	4.7	235
6	Society for Endocrinology <scp>UK</scp> guidance on the initial evaluation of an infant or an adolescent with a suspected disorder of sex development (Revised 2015). Clinical Endocrinology, 2016, 84, 771-788.	2.4	196
7	Congenital Adrenal Hyperplasiaâ€"Current Insights in Pathophysiology, Diagnostics, and Management. Endocrine Reviews, 2022, 43, 91-159.	20.1	182
8	Adrenal insufficiency. Lancet, The, 2021, 397, 613-629.	13.7	157
9	InactivatingPAPSS2Mutations in a Patient with Premature Pubarche. New England Journal of Medicine, 2009, 360, 2310-2318.	27.0	139
10	Nonclassic Lipoid Congenital Adrenal Hyperplasia Masquerading as Familial Glucocorticoid Deficiency. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 3865-3871.	3.6	138
11	UK guidance on the initial evaluation of an infant or an adolescent with a suspected disorder of sex development. Clinical Endocrinology, 2011, 75, 12-26.	2.4	124
12	Mothers with congenital adrenal hyperplasia and their children: outcome of pregnancy, birth and childhood. Clinical Endocrinology, 2001, 55, 523-529.	2.4	121
13	Genotype-Phenotype Analysis in Congenital Adrenal Hyperplasia due to P450 Oxidoreductase Deficiency. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E257-E267.	3.6	118
14	Premature adrenarche: novel lessons from early onset androgen excess. European Journal of Endocrinology, 2011, 165, 189-207.	3.7	115
15	Functional Consequences of Seven Novel Mutations in theCYP11B1Gene: Four Mutations Associated with Nonclassic and Three Mutations Causing Classic 11Î²-Hydroxylase Deficiency. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 779-788.	3.6	100
16	Population spectrum ofACADMgenotypes correlated to biochemical phenotypes in newborn screening for medium-chain acyl-CoA dehydrogenase deficiency. Human Mutation, 2005, 25, 443-452.	2.5	99
17	Congenital adrenal hyperplasia and P450 oxidoreductase deficiency. Clinical Endocrinology, 2007, 66, 162-172.	2.4	99
18	Changes Over Time in Sex Assignment for Disorders of Sex Development. Pediatrics, 2014, 134, e710-e715.	2.1	98

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19	Health Problems in Congenital Adrenal Hyperplasia due to 21-Hydroxylase Deficiency. Hormone Research in Paediatrics, 2011, 76, 73-85.	1.8	93
20	A Missense Mutation in the Human Cytochrome b5 Gene causes 46,XY Disorder of Sex Development due to True Isolated 17,20 Lyase Deficiency. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E465-E475.	3.6	91
21	Genotype-Phenotype Correlation in 153 Adult Patients With Congenital Adrenal Hyperplasia due to 21-Hydroxylase Deficiency: Analysis of the United Kingdom Congenital Adrenal Hyperplasia Adult Study Executive (CaHASE) Cohort. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E346-E354.	3.6	90
22	Novel Associations in Disorders of Sex Development: Findings From the I-DSD Registry. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E348-E355.	3.6	85
23	Exquisite sensitivity of adrenocortical carcinomas to induction of ferroptosis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22269-22274.	7.1	81
24	Predicting Phenotype in Steroid 21-Hydroxylase Deficiency? Comprehensive Genotyping in 155 Unrelated, Well Defined Patients from Southern Germany. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 1059-1065.	3.6	73
25	Testicular Adrenal Rest Tumors Develop Independently of Long-Term Disease Control: A Longitudinal Analysis of 50 Adult Men With Congenital Adrenal Hyperplasia due to Classic 21-Hydroxylase Deficiency. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E1820-E1826.	3.6	69
26	Quality of life in adults with congenital adrenal hyperplasia relates to glucocorticoid treatment, adiposity and insulin resistance: United Kingdom Congenital adrenal Hyperplasia Adult Study Executive (CaHASE). European Journal of Endocrinology, 2013, 168, 887-893.	3.7	67
27	Differential Inhibition of CYP17A1 and CYP21A2 Activities by the P450 Oxidoreductase Mutant A287P. Molecular Endocrinology, 2007, 21, 1958-1968.	3.7	64
28	A Diagnosis Not to Be Missed: Nonclassic Steroid 11Î²-Hydroxylase Deficiency Presenting With Premature Adrenarche and Hirsutism. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E1620-E1625.	3.6	63
29	Multiplex Minisequencing of the 21-Hydroxylase Gene as a Rapid Strategy to Confirm Congenital Adrenal Hyperplasia. Clinical Chemistry, 2002, 48, 818-825.	3.2	59
30	Elucidating the Underlying Molecular Pathogenesis ofNR3C2Mutants Causing Autosomal Dominant Pseudohypoaldosteronism Type 1. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 4552-4561.	3.6	58
31	Management of Congenital Adrenal Hyperplasia: Results of the ESPE Questionnaire. Hormone Research in Paediatrics, 2002, 58, 196-205.	1.8	55
32	Congenital Adrenal Hyperplasia Due to 11-Hydroxylase Deficiency: Functional Characterization of Two Novel Point Mutations and a Three-Base Pair Deletion in theCYP11B1Gene. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 3724-3730.	3.6	53
33	A Novel Entity of Clinically Isolated Adrenal Insufficiency Caused by a Partially Inactivating Mutation of the Gene Encoding for P450 Side Chain Cleavage Enzyme (CYP11A1). Journal of Clinical Endocrinology and Metabolism, 2011, 96, E1798-E1806.	3.6	52
34	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.	7.1	50
35	Comprehensive analytical strategy for mutation screening in 21-hydroxylase deficiency. Clinical Chemistry, 1998, 44, 2075-2082.	3.2	49
36	Pubertal Presentation in Seven Patients with Congenital Adrenal Hyperplasia due to P450 Oxidoreductase Deficiency. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E453-E462.	3.6	47

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37	Current and novel approaches to children and young people with congenital adrenal hyperplasia and adrenal insufficiency. Best Practice and Research in Clinical Endocrinology and Metabolism, 2015, 29, 449-468.	4.7	47
38	Early manifestation of calcinosis cutis in pseudohypoparathyroidism type Ia associated with a novel mutation in the GNAS gene. European Journal of Endocrinology, 2005, 152, 515-519.	3.7	44
39	Extensive Regulation of Diurnal Transcription and Metabolism by Glucocorticoids. PLoS Genetics, 2016, 12, e1006512.	3.5	44
40	Steroid 17Î±-Hydroxylase Deficiency: Functional Characterization of Four Mutations (A174E, V178D,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 3058-3064.	3.6	42
41	Functional Characterization of Two Novel Point Mutations in theCYP21Gene Causing Simple Virilizing Forms of Congenital Adrenal Hyperplasia Due to 21-Hydroxylase Deficiency. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 445-454.	3.6	41
42	Adult Consequences of Congenital Adrenal Hyperplasia. Hormone Research in Paediatrics, 2007, 68, 158-164.	1.8	40
43	The Adrenal Cortex. , 2011, , 479-544.		40
44	Analyzing the Functional and Structural Consequences of Two Point Mutations (P94L and A368D) in the CYP11B1 Gene Causing Congenital Adrenal Hyperplasia Resulting from 11-Hydroxylase Deficiency. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 2682-2688.	3.6	39
45	Identification of a Novel Mutation in the Human Mineralocorticoid Receptor Gene in a German Family with Autosomal-Dominant Pseudohypoaldosteronism Type 1: Further Evidence for Marked Interindividual Clinical Heterogeneity. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 1683-1686.	3.6	38
46	Redefining the Initiation and Maintenance of Zebrafish Interrenal Steroidogenesis by Characterizing the Key Enzyme Cyp11a2. Endocrinology, 2013, 154, 2702-2711.	2.8	38
47	5Î±-Reductase Type 2 Regulates Glucocorticoid Action and Metabolic Phenotype in Human Hepatocytes. Endocrinology, 2015, 156, 2863-2871.	2.8	38
48	Modified release and conventional glucocorticoids and diurnal androgen excretion in congenital adrenal hyperplasia. Journal of Clinical Endocrinology and Metabolism, 2017, 102, jc.2016-2855.	3.6	38
49	Prenatal Diagnosis of Congenital Adrenal Hyperplasia Caused by P450 Oxidoreductase Deficiency. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E528-E536.	3.6	37
50	Management of Gonads in Adults with Androgen Insensitivity: An International Survey. Hormone Research in Paediatrics, 2018, 90, 236-246.	1.8	34
51	Genetic Analysis of Pediatric Primary Adrenal Insufficiency of Unknown Etiology: 25 Yearsâ€™ Experience in the UK. Journal of the Endocrine Society, 2021, 5, bvab086.	0.2	34
52	Treatment of Pubertal Gynecomastia with the Specific Aromatase Inhibitor Anastrozole. Hormone Research in Paediatrics, 2004, 62, 113-118.	1.8	33
53	Quantitative Brain MRI in Congenital Adrenal Hyperplasia: In Vivo Assessment of the Cognitive and Structural Impact of Steroid Hormones. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 1330-1341.	3.6	32
54	Measurement of Salivary Adrenal-Specific Androgens as Biomarkers of Therapy Control in 21-Hydroxylase Deficiency. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 6417-6429.	3.6	31

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55	Plasma Renin Measurements are Unrelated to Mineralocorticoid Replacement Dose in Patients With Primary Adrenal Insufficiency. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 314-326.	3.6	30
56	Four Novel Missense Mutations in the CYP21A2 Gene Detected in Russian Patients Suffering from the Classical Form of Congenital Adrenal Hyperplasia: Identification, Functional Characterization, and Structural Analysis. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 4976-4980.	3.6	29
57	Age-specific changes in sex steroid biosynthesis and sex development. Best Practice and Research in Clinical Endocrinology and Metabolism, 2007, 21, 393-401.	4.7	29
58	Ferredoxin 1b (Fdx1b) Is the Essential Mitochondrial Redox Partner for Cortisol Biosynthesis in Zebrafish. Endocrinology, 2016, 157, 1122-1134.	2.8	29
59	Society for Endocrinology UK Guidance on the initial evaluation of a suspected difference or disorder of sex development (Revised 2021). Clinical Endocrinology, 2021, 95, 818-840.	2.4	29
60	Autosomal-Dominant Pseudohypoaldosteronism Type 1 in a Turkish Family Is Associated with a Novel Nonsense Mutation in the Human Mineralocorticoid Receptor Gene. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 2150-2152.	3.6	27
61	Revealing a subclinical saltâ€losing phenotype in heterozygous carriers of the novel S562P mutation in the Î± subunit of the epithelial sodium channel. Clinical Endocrinology, 2009, 70, 252-258.	2.4	27
62	Multiplex minisequencing of the 21-hydroxylase gene as a rapid strategy to confirm congenital adrenal hyperplasia. Clinical Chemistry, 2002, 48, 818-25.	3.2	27
63	Characterization of the molecular genetic pathology in patients with 11Î²â€hydroxylase deficiency. Clinical Endocrinology, 2015, 83, 629-635.	2.4	26
64	Bidirectional crosstalk between Hypoxia-Inducible Factor and glucocorticoid signalling in zebrafish larvae. PLoS Genetics, 2020, 16, e1008757.	3.5	26
65	Congenital Adrenal Hyperplasia due to 11-Hydroxylase Deficiency â€“ Insights from Two Novel <i>CYP11B1</i> Mutations (p.M92X, p.R453Q). Hormone Research, 2009, 72, 281-286.	1.8	25
66	International survey on highâ€and lowâ€dose synacthen test and assessment of accuracy in preparing lowâ€dose synacthen. Clinical Endocrinology, 2018, 88, 744-751.	2.4	25
67	Delayed diagnosis of adrenal insufficiency in a patient with severe penoscrotal hypospadias due to two novel P450 side-change cleavage enzyme (CYP11A1) mutations (p.R360W; p.R405X). European Journal of Endocrinology, 2012, 167, 881-885.	3.7	24
68	Genetic Disruption of 21-Hydroxylase in Zebrafish Causes Interrenal Hyperplasia. Endocrinology, 2017, 158, 4165-4173.	2.8	24
69	Congenital Adrenal Hyperplasia: The Molecular Basis of 21-Hydroxylase Deficiency in H-2aw18 Mice. Endocrinology, 2005, 146, 2563-2574.	2.8	23
70	Concomitant Mutations in the P450 Oxidoreductase and Androgen Receptor Genes Presenting with 46,XY Disordered Sex Development and Androgenization at Adrenarche. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 3418-3427.	3.6	22
71	Diminished 11Î²-Hydroxysteroid Dehydrogenase Type 2 Activity Is Associated With Decreased Weight and Weight Gain Across the First Year of Life. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E821-E831.	3.6	22
72	Causes, patterns and severity of androgen excess in 487 consecutively recruited pre- and post-pubertal children. European Journal of Endocrinology, 2019, 180, 213-221.	3.7	22

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73	The P450 side-chain cleavage enzyme Cyp11a2 facilitates steroidogenesis in zebrafish. Journal of Endocrinology, 2020, 244, 309-321.	2.6	22
74	Thirteen novel mutations in theNR0B1(DAX1) gene as cause of adrenal hypoplasia congenita. Human Mutation, 2005, 25, 502-502.	2.5	21
75	International practice of corticosteroid replacement therapy in congenital adrenal hyperplasia: data from the I-CAH registry. European Journal of Endocrinology, 2021, 184, 553-563.	3.7	21
76	CYP21 mutations in simple virilizing congenital adrenal hyperplasia. Journal of Molecular Medicine, 2001, 79, 581-586.	3.9	20
77	Real-World Estimates of Adrenal Insufficiencyâ€"Related Adverse Events in Children With Congenital Adrenal Hyperplasia. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e192-e203.	3.6	20
78	Influence of 17-Hydroxyprogesterone, Progesterone and Sex Steroids on Mineralocorticoid Receptor Transactivation in Congenital Adrenal Hyperplasia. Hormone Research in Paediatrics, 2015, 83, 414-421.	1.8	19
79	Cardiovascular health, growth and gonadal function in children and adolescents with congenital adrenal hyperplasia. Archives of Disease in Childhood, 2017, 102, 578-584.	1.9	18
80	Update on adrenal steroid hormone biosynthesis and clinical implications. Archives of Disease in Childhood, 2019, 104, 1223-1228.	1.9	17
81	Long-Term Follow-Up of Spontaneous Development in a Boy with Familial Male Precocious Puberty. Hormone Research in Paediatrics, 2004, 62, 177-181.	1.8	16
82	Steroid Biochemistry. Endocrine Development, 2014, 27, 41-52.	1.3	16
83	Birth Weight in Different Etiologies of Disorders of Sex Development. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1044-1050.	3.6	16
84	The residue E351 is essential for the activity of human 21-hydroxylase: evidence from a naturally occurring novel point mutation compared with artificial mutants generated by single amino acid substitutions. Journal of Molecular Medicine, 2005, 83, 561-568.	3.9	14
85	Cushing's syndrome in women with polycystic ovaries and hyperandrogenism. Nature Clinical Practice Endocrinology and Metabolism, 2007, 3, 778-783.	2.8	14
86	Functional and Structural Consequences of a Novel Point Mutation in theCYP21A2Gene Causing Congenital Adrenal Hyperplasia: Potential Relevance of Helix C for P450 Oxidoreductase-21-Hydroxylase Interaction. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 2891-2895.	3.6	14
87	Functional characterization of threeCYP21A2sequence variants (p.A265V, p.W302S, p.D322G) employing a yeast co-expression system. Human Mutation, 2009, 30, E443-E450.	2.5	14
88	Ferredoxin 1b Deficiency Leads to Testis Disorganization, Impaired Spermatogenesis, and Feminization in Zebrafish. Endocrinology, 2019, 160, 2401-2416.	2.8	14
89	11Î²-Hydroxylase loss disrupts steroidogenesis and reproductive function in zebrafish. Journal of Endocrinology, 2020, 247, 197-212.	2.6	14
90	Identification of a Novel Large CYP17A1 Deletion by MLPA Analysis in a Family with Classic 17a-Hydroxylase Deficiency. Sexual Development, 2015, 9, 91-97.	2.0	12

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91	Glucocorticoid deficiency causes transcriptional and post-transcriptional reprogramming of glutamine metabolism. EBioMedicine, 2018, 36, 376-389.	6.1	12
92	The broad phenotypic spectrum of 17Î±-hydroxylase/17,20-lyase (CYP17A1) deficiency: a case series. European Journal of Endocrinology, 2021, 185, 729-741.	3.7	12
93	Gonadectomy in conditions affecting sex development: a registry-based cohort study. European Journal of Endocrinology, 2021, 184, 791-801.	3.7	9
94	Interrenal development and function in zebrafish. Molecular and Cellular Endocrinology, 2021, 535, 111372.	3.2	9
95	46,XY Disorder of Sex Development in a Sudanese Patient Caused by a Novel Mutation in theHSD17B3Gene. Sexual Development, 2014, 8, 151-155.	2.0	8
96	Low estriol levels in the maternal marker screen as a predictor of X-linked adrenal hypoplasia congenita: Case report. Srpski Arhiv Za Celokupno Lekarstvo, 2014, 142, 728-731.	0.2	7
97	MondoA regulates gene expression in cholesterol biosynthesis-associated pathways required for zebrafish epiboly. ELife, 2020, 9, .	6.0	7
98	Treatment of congenital adrenal hyperplasia in children aged 0â€“3 years: a retrospective multicenter analysis of salt supplementation, glucocorticoid and mineralocorticoid medication, growth and blood pressure. European Journal of Endocrinology, 2022, 186, 587-596.	3.7	7
99	A novel frameshift mutation (141delT) in exon 1 of the 21-hydroxylase gene(CYP21) in a patient with the salt wasting form of congenital adrenal hyperplasia. , 1999, 14, 90-91.		6
100	Thoughts on paediatric diabetes care in the UK. British Journal of Diabetes and Vascular Disease, 2009, 9, 259-267.	0.6	4
101	Keeping the pressure on mineralocorticoid replacement in congenital adrenal hyperplasia. Clinical Endocrinology, 2015, 82, 478-480.	2.4	4
102	Surgical Practice in Girls with Congenital Adrenal Hyperplasia: An International Registry Study. Sexual Development, 2021, 15, 229-235.	2.0	4
103	Analysis of therapy monitoring in the International Congenital Adrenal Hyperplasia Registry. Clinical Endocrinology, 2022, 97, 551-561.	2.4	4
104	Disproportionate stature but normal height in hypochondroplasia. European Journal of Pediatrics, 2005, 164, 397-399.	2.7	3
105	Management of Acute Adrenal Insufficiency-Related Adverse Events in Children with Congenital Adrenal Hyperplasia: Results of an International Survey of Specialist Centres. Hormone Research in Paediatrics, 2022, 95, 363-373.	1.8	2
106	An overlooked cause of glucocorticoid deficiency?. Nature Reviews Endocrinology, 2009, 5, 362-363.	9.6	1
107	Care provision in congenital adrenal hyperplasia â€“ all doom and gloom or light at the end of the tunnel?. Clinical Endocrinology, 2014, 80, 469-470.	2.4	1
108	How to improve blood-glucose control in type-1 diabetes. Paediatrics and Child Health (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.4	0

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109	Title is missing!. , 2020, 16, e1008757.		0
110	Title is missing!. , 2020, 16, e1008757.		0
111	Title is missing!. , 2020, 16, e1008757.		0
112	Title is missing!. , 2020, 16, e1008757.		0
113	Title is missing!. , 2020, 16, e1008757.		0
114	Title is missing!. , 2020, 16, e1008757.		0