

# Stefan A Wudy

## List of Publications by Year in descending order

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Version: 2024-02-01

81  
papers

1,783  
citations

279798

23  
h-index

315739

38  
g-index

81  
all docs

81  
docs citations

81  
times ranked

2218  
citing authors

#	ARTICLE	IF	CITATIONS
1	Urinary Markers of Adrenarche: Reference Values in Healthy Subjects, Aged 3–18 Years. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 2015-2021.	3.6	201
2	Congenital Adrenal Hyperplasia—Current Insights in Pathophysiology, Diagnostics, and Management. <i>Endocrine Reviews</i> , 2022, 43, 91-159.	20.1	182
3	Characterization of the Micro-Environment of the Testis that Shapes the Phenotype and Function of Testicular Macrophages. <i>Journal of Immunology</i> , 2017, 198, 4327-4340.	0.8	86
4	Sexual dimorphism in cortisol secretion starts after age 10 in healthy children: urinary cortisol metabolite excretion rates during growth. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E970-E976.	3.5	85
5	The role of sulfated steroid hormones in reproductive processes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 172, 207-221.	2.5	70
6	Children With Idiopathic Short Stature Are Poor Eaters and Have Decreased Body Mass Index. <i>Pediatrics</i> , 2005, 116, e52-e57.	2.1	69
7	Simultaneous quantification of cholesterol sulfate, androgen sulfates, and progestagen sulfates in human serum by LC-MS/MS. <i>Journal of Lipid Research</i> , 2015, 56, 1843-1851.	4.2	64
8	Profiling intact steroid sulfates and unconjugated steroids in biological fluids by liquid chromatography-tandem mass spectrometry (LC-MS-MS). <i>Analyst</i> , 2013, 138, 3792.	3.5	54
9	Androgen excess is due to elevated 11-oxygenated androgens in treated children with congenital adrenal hyperplasia. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 178, 221-228.	2.5	53
10	Higher diet-dependent renal acid load associates with higher glucocorticoid secretion and potentially bioactive free glucocorticoids in healthy children. <i>Kidney International</i> , 2016, 90, 325-333.	5.2	46
11	Role of steroid sulfatase in steroid homeostasis and characterization of the sulfated steroid pathway: Evidence from steroid sulfatase deficiency. <i>Molecular and Cellular Endocrinology</i> , 2016, 437, 142-153.	3.2	41
12	The mole genome reveals regulatory rearrangements associated with adaptive intersexuality. <i>Science</i> , 2020, 370, 208-214.	12.6	41
13	Oestrogen versus androgen in hormone-replacement therapy for complete androgen insensitivity syndrome: a multicentre, randomised, double-dummy, double-blind crossover trial. <i>Lancet Diabetes and Endocrinology</i> , 2018, 6, 771-780.	11.4	35
14	A tale of two steroids: The importance of the androgens DHEA and DHEAS for early neurodevelopment. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 188, 77-85.	2.5	34
15	Prospective relevance of fruit and vegetable consumption and salt intake during adolescence for blood pressure in young adulthood. <i>European Journal of Nutrition</i> , 2015, 54, 1269-1279.	3.9	31
16	Diagnosis of 21-hydroxylase deficiency by urinary metabolite ratios using gas chromatography–mass spectrometry analysis: Reference values for neonates and infants. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 156, 10-16.	2.5	30
17	Addressing gaps in care of people with conditions affecting sex development and maturation. <i>Nature Reviews Endocrinology</i> , 2019, 15, 615-622.	9.6	30
18	Flavonoid intake from fruit and vegetables during adolescence is prospectively associated with a favourable risk factor profile for type 2 diabetes in early adulthood. <i>European Journal of Nutrition</i> , 2019, 58, 1159-1172.	3.9	29

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19	Reduced Activity of 11 $\beta$ -Hydroxylase Accounts for Elevated 17 $\alpha$ -Hydroxyprogesterone in Preterms. <i>Journal of Pediatrics</i> , 2014, 165, 280-284.	1.8	27
20	The urinary steroidome of treated children with classic 21-hydroxylase deficiency. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 165, 396-406.	2.5	27
21	Determination of 11-deoxycortisol (Reichstein's compound S) in human plasma by clinical isotope dilution mass spectrometry using benchtop gas chromatography $\text{--}$ mass selective detection. <i>Steroids</i> , 2002, 67, 851-857.	1.8	26
22	High levels of oxysterol sulfates in serum of patients with steroid sulfatase deficiency. <i>Journal of Lipid Research</i> , 2015, 56, 403-412.	4.2	25
23	Performance of LC $\text{--}$ MS/MS and immunoassay based 24-h urine free cortisol in the diagnosis of Cushing's syndrome. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 190, 193-197.	2.5	24
24	A Male Twin Infant with Skull Deformity and Elevated Neonatal 17 $\alpha$ -Hydroxyprogesterone: A Prismatic Case of P450 Oxidoreductase Deficiency. <i>Endocrine Research</i> , 2004, 30, 957-964.	1.2	23
25	Phenotypic, metabolic, and molecular genetic characterization of six patients with congenital adrenal hyperplasia caused by novel mutations in the CYP11B1 gene. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 155, 126-134.	2.5	20
26	Changes in the Metabolome in Response to Low-Dose Exposure to Environmental Chemicals Used in Personal Care Products during Different Windows of Susceptibility. <i>PLoS ONE</i> , 2016, 11, e0159919.	2.5	20
27	Transport of steroid 3-sulfates and steroid 17-sulfates by the sodium-dependent organic anion transporter SOAT (SLC10A6). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 179, 20-25.	2.5	19
28	Steroid Metabolomic Signature of Insulin Resistance in Childhood Obesity. <i>Diabetes Care</i> , 2020, 43, 405-410.	8.6	18
29	Hyperleptinemia in children with autosomal recessive spinal muscular atrophy type III. <i>PLoS ONE</i> , 2017, 12, e0173144.	2.5	17
30	Reproductive performance primarily depends on the female genotype in a two-factorial breeding experiment using high-fertility mouse lines. <i>Reproduction</i> , 2017, 153, 361-368.	2.6	16
31	Carbohydrates from Sources with a Higher Glycemic Index during Adolescence: Is Evening Rather than Morning Intake Relevant for Risk Markers of Type 2 Diabetes in Young Adulthood?. <i>Nutrients</i> , 2017, 9, 591.	4.1	16
32	Peer group normalization and urine to blood context in steroid metabolomics: The case of CAH and obesity. <i>Steroids</i> , 2014, 88, 83-89.	1.8	15
33	Do depressed patients without activation of the hypothalamus $\text{--}$ pituitary $\text{--}$ adrenal (HPA) system have metabolic disturbances?. <i>Psychoneuroendocrinology</i> , 2014, 39, 104-110.	2.7	15
34	Current state and recommendations for harmonization of serum/plasma 17-hydroxyprogesterone mass spectrometry methods. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, 1685-1697.	2.3	14
35	Urinary GC $\text{--}$ MS steroid metabotyping in treated children with congenital adrenal hyperplasia.. <i>Metabolism: Clinical and Experimental</i> , 2020, 112, 154354.	3.4	14
36	Height Velocity Defined Metabolic Control in Children With Congenital Adrenal Hyperplasia Using Urinary Steroid GC-MS Analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 4214-4224.	3.6	13

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37	Estrone-3-Sulfate Stimulates the Proliferation of T47D Breast Cancer Cells Stably Transfected With the Sodium-Dependent Organic Anion Transporter SOAT (SLC10A6). <i>Frontiers in Pharmacology</i> , 2018, 9, 941.	3.5	12
38	Gonadotropin- and Adrenocorticotrophic Hormone-Independent Precocious Puberty of Gonadal Origin in a Patient with Adrenal Hypoplasia Congenita Due to DAX1 Gene Mutation – A Case Report and Review of the Literature: Implications for the Pathomechanism. <i>Hormone Research in Paediatrics</i> , 2019, 91, 336-345.	1.8	12
39	Steroid LC-MS has come of age. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 162, 1-3.	2.5	11
40	The Enigma of the Adrenarche: Identifying the Early Life Mechanisms and Possible Role in Postnatal Brain Development. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4296.	4.1	11
41	Harmonisation of serum dihydrotestosterone analysis: establishment of an external quality assurance program. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 522-529.	2.3	10
42	Temporal expression pattern of steroid-metabolizing enzymes in bovine COC during in vitro maturation employing different gonadotropin concentrations. <i>Theriogenology</i> , 2019, 131, 182-192.	2.1	10
43	Personalized approach to childhood obesity: Lessons from gut microbiota and omics studies. Narrative review and insights from the 29th European childhood obesity congress. <i>Pediatric Obesity</i> , 2021, 16, e12835.	2.8	10
44	Sodium-dependent organic anion transporter ( Slc10a6 ) knockout mice show normal spermatogenesis and reproduction, but elevated serum levels for cholesterol sulfate. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 179, 45-54.	2.5	9
45	Age and cognitive status dependent differences in blood steroid and thyroid hormone concentrations in intact male rats. <i>Behavioral and Brain Functions</i> , 2019, 15, 10.	3.3	9
46	Sex Differences in Age-Related Decline of Urinary Insulin-Like Growth Factor-Binding Protein-3 Levels in Adult Bonobos and Chimpanzees. <i>Frontiers in Endocrinology</i> , 2016, 7, 118.	3.5	8
47	The Steroid Metabolome and Breast Cancer Risk in Women with a Family History of Breast Cancer: The Novel Role of Adrenal Androgens and Glucocorticoids. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 89-96.	2.5	8
48	Relevance of fruits, vegetables and flavonoids from fruits and vegetables during early life, mid-childhood and adolescence for levels of insulin-like growth factor (IGF-1) and its binding proteins IGFBP-2 and IGFBP-3 in young adulthood. <i>British Journal of Nutrition</i> , 2016, 115, 527-537.	2.3	7
49	Quantitative targeted GC-MS-based urinary steroid metabolome analysis for treatment monitoring of adolescents and young adults with autoimmune primary adrenal insufficiency. <i>Steroids</i> , 2019, 150, 108426.	1.8	7
50	Lopinavir-Ritonavir Impairs Adrenal Function in Infants. <i>Clinical Infectious Diseases</i> , 2020, 71, 1030-1039.	5.8	7
51	Profile of bile acid subspecies is similar in blood and follicular fluid of cattle. <i>Veterinary Medicine and Science</i> , 2020, 6, 167-176.	1.6	7
52	The Prospective Association of Dietary Sugar Intake in Adolescence With Risk Markers of Type 2 Diabetes in Young Adulthood. <i>Frontiers in Nutrition</i> , 2020, 7, 615684.	3.7	7
53	Rhythm of Fetoplacental 11 $\beta$ -Hydroxysteroid Dehydrogenase Type 2 – Fetal Protection From Morning Maternal Glucocorticoids. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1630-1636.	3.6	7
54	Steroid metabolomic signature of liver disease in nonsyndromic childhood obesity. <i>Endocrine Connections</i> , 2019, 8, 764-771.	1.9	7

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55	The balance of cortisolâ€“cortisone interconversion is shifted towards cortisol in neonates with congenital adrenal hyperplasia due to 21-hydroxylase deficiency. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 143, 386-391.	2.5	6
56	Occurrence of sulfonated steroids and ovarian expression of steroid sulfatase and SULT1E1 in cyclic cows. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 179, 79-87.	2.5	6
57	Cortisol and 11 beta-hydroxysteroid dehydrogenase type 2 as potential determinants of renal citrate excretion in healthy children. <i>Endocrine</i> , 2020, 67, 442-448.	2.3	6
58	Use of insulin pump therapy is associated with reduced hospital-days in the long-term: a real-world study of 48,756 pediatric patients with type 1 diabetes. <i>European Journal of Pediatrics</i> , 2021, 180, 597-606.	2.7	6
59	Late diagnosis of 3Î²-Hydroxysteroid dehydrogenase deficiency: the pivotal role of gas chromatography-mass spectrometry urinary steroid metabolome analysis and a novel homozygous nonsense mutation in the <i>HSD3B2</i> gene. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2021, 34, 131-136.	0.9	6
60	Long-Term Follow-Up of Three Family Members with a Novel NNT Pathogenic Variant Causing Primary Adrenal Insufficiency. <i>Genes</i> , 2022, 13, 717.	2.4	6
61	Increased left ventricular mass in hypercortisolemic depressed patients: A hypothesis based on a case series. <i>Medical Hypotheses</i> , 2014, 83, 730-732.	1.5	5
62	The human adrenal gland as a drug metabolizer: First in-vivo evidence for the conversion of steroidal drugs. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 194, 105438.	2.5	5
63	Impact of Gestational and Postmenstrual Age on Excretion of Fetal Zone Steroids in Preterm Infants Determined by Gas Chromatography-Mass Spectrometry. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e3725-e3738.	3.6	5
64	Influence of isotopically labeled internal standards on quantification of serum/plasma 17Î±-hydroxyprogesterone (17OHP) by liquid chromatography mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1731-1739.	2.3	5
65	High Glucocorticoid Response to 24-h-Shift Stressors in Male but Not in Female Physicians. <i>Frontiers in Endocrinology</i> , 2017, 8, 171.	3.5	4
66	Differential Responses of Urinary Epinephrine and Norepinephrine to 24-h Shift-Work Stressor in Physicians. <i>Frontiers in Endocrinology</i> , 2020, 11, 572461.	3.5	4
67	Influence of Prenatal Environment on Androgen Steroid Metabolism In Monozygotic Twins With Birthweight Differences. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e3672-e3687.	3.6	4
68	Metabolic effects of estradiol versus testosterone in complete androgen insensitivity syndrome. <i>Endocrine</i> , 2022, 76, 722-732.	2.3	4
69	Vanishing 17-Hydroxyprogesterone Concentrations in 21-Hydroxylase Deficiency. <i>Hormone Research in Paediatrics</i> , 2018, 90, 138-144.	1.8	3
70	Glucocorticoids and Body Fat Inversely Associate With Bone Marrow Density of the Distal Radius in Healthy Youths. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 2250-2256.	3.6	3
71	Inflammatory mediators in the adipo-renal axis: leptin, adiponectin, and soluble ICAM-1. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, F469-F475.	2.7	3
72	Sex-specific differences in HPA axis activity in VLBW preterm newborns. <i>Endocrine Connections</i> , 2021, 10, 214-219.	1.9	3

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73	Higher steroid sulfation is linked to successful weight loss in obese children. <i>Endocrine Connections</i> , 2018, 7, 1020-1030.	1.9	3
74	Targeted disruption of galectin 3 in mice delays the first wave of spermatogenesis and increases germ cell apoptosis. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 3621-3635.	5.4	2
75	Childhood trauma and insulin-like growth factors in amniotic fluid. <i>Psychoneuroendocrinology</i> , 2021, 127, 105180.	2.7	2
76	The role of sulfated steroids in reproduction. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 179, 1-2.	2.5	1
77	Urinary cortisol metabolites are reduced in MDR1 mutant dogs in a pilot targeted GCâ€MS urinary steroid hormone metabolome analysis. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2022, , .	1.3	1
78	A Novel Method for Adult Height Prediction in Children with Idiopathic Short Stature Derived from a German-Dutch Cohort. <i>Journal of the Endocrine Society</i> , 0, , .	0.2	1
79	New Methods in Exploring Old Topics: Case Studying Brittle Diabetes in the Family Context. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-9.	2.3	0
80	Early life factors and their relevance for markers of cardiometabolic risk in early adulthood. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 2109-2121.	2.6	0
81	Light on the horizon? Will Continuous Glucose Monitoring Allow for Better Management of Congenital Hyperinsulinism?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, , .	3.6	0