# Michaela F Hartmann

List of Publications by Year
in descending order



| 52 | 1,264 | 430874 18 | 377865 34 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 52 | 52 | 52 | 1688 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Urinary cortisol metabolites are reduced in MDR1 mutant dogs in a pilot targeted GCâ€MS urinary steroid hormone metabolome analysis. Journal of Veterinary Pharmacology and Therapeutics, 2022, , . | 1.3 | 1 |
| 2 | Metabolic effects of estradiol versus testosterone in complete androgen insensitivity syndrome. Endocrine, 2022, 76, 722-732. | 2.3 | 4 |
| 3 | Long-Term Follow-Up of Three Family Members with a Novel NNT Pathogenic Variant Causing Primary Adrenal Insufficiency. Genes, 2022, 13, 717. | 2.4 | 6 |
| 4 | The Steroid Metabolome and Breast Cancer Risk in Women with a Family History of Breast Cancer: The Novel Role of Adrenal Androgens and Glucocorticoids. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 89-96. | 2.5 | 8 |
| 5 | Targeted disruption of galectin 3 in mice delays the first wave of spermatogenesis and increases germ cell apoptosis. Cellular and Molecular Life Sciences, 2021, 78, 3621-3635. | 5.4 | 2 |
| 6 | Sex-specific differences in HPA axis activity in VLBW preterm newborns. Endocrine Connections, 2021, 10, 214-219. | 1.9 | 3 |
| 7 | Impact of Gestational and Postmenstrual Age on Excretion of Fetal Zone Steroids in Preterm Infants Determined by Gas Chromatography-Mass Spectrometry. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e3725-e3738. | 3.6 | 5 |
| 8 | Fetal Zone Steroids and Estrogen Show Sex Specific Effects on Oligodendrocyte Precursor Cells in Response to Oxidative Damage. International Journal of Molecular Sciences, 2021, 22, 6586. | 4.1 | 4 |
| 9 | Personalized approach to childhood obesity: Lessons from gut microbiota and omics studies. Narrative review and insights from the 29th European childhood obesity congress. Pediatric Obesity, 2021, 16, e12835. | 2.8 | 10 |
| 10 | 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 HSD3B2 gene. Journal of Pediatric Endocrinology and Metabolism, 2021, 34, 131-136. | 0.9 | 6 |
| 11 | Lopinavir-Ritonavir Impairs Adrenal Function in Infants. Clinical Infectious Diseases, 2020, 71, 1030-1039. | 5.8 | 7 |
| 12 | Steroid Metabolomic Signature of Insulin Resistance in Childhood Obesity. Diabetes Care, 2020, 43, 405-410. | 8.6 | 18 |
| 13 | Cortisol and 11 beta-hydroxysteroid dehydrogenase type 2 as potential determinants of renal citrate excretion in healthy children. Endocrine, 2020, 67, 442-448. | 2.3 | 6 |
| 14 | The mole genome reveals regulatory rearrangements associated with adaptive intersexuality. Science, 2020, 370, 208-214. | 12.6 | 41 |
| 15 | Urinary GCâ€“MS steroid metabotyping in treated children with congenital adrenal hyperplasia.. Metabolism: Clinical and Experimental, 2020, 112, 154354. | 3.4 | 14 |
| 16 | Influence of Prenatal Environment on Androgen Steroid Metabolism In Monozygotic Twins With Birthweight Differences. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e3672-e3687. | 3.6 | 4 |
| 17 | Influence of isotopically labeled internal standards on quantification of serum/plasma 17Î±-hydroxyprogesterone (17OHP) by liquid chromatography mass spectrometry. Clinical Chemistry and Laboratory Medicine, 2020, 58, 1731-1739. | 2.3 | 5 |
| 18 | Elevated CCL2 causes Leydig cell malfunction in metabolic syndrome. JCI Insight, 2020, 5, . | 5.0 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Height Velocity Defined Metabolic Control in Children With Congenital Adrenal Hyperplasia Using Urinary Steroid GC-MS Analysis. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 4214-4224. | 3.6 | 13 |
| 20 | The human adrenal gland as a drug metabolizer: First in-vivo evidence for the conversion of steroidal drugs. Journal of Steroid Biochemistry and Molecular Biology, 2019, 194, 105438. | 2.5 | 5 |
| 21 | Age and cognitive status dependent differences in blood steroid and thyroid hormone concentrations in intact male rats. Behavioral and Brain Functions, 2019, 15, 10. | 3.3 | 9 |
| 22 | Quantitative targeted GC-MS-based urinary steroid metabolome analysis for treatment monitoring of adolescents and young adults with autoimmune primary adrenal insufficiency. Steroids, 2019, 150, 108426. | 1.8 | 7 |
| 23 | Glucocorticoids and Body Fat Inversely Associate With Bone Marrow Density of the Distal Radius in Healthy Youths. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2250-2256. | 3.6 | 3 |
| 24 | Temporal expression pattern of steroid-metabolizing enzymes in bovine COC during inÂvitro maturation employing different gonadotropin concentrations. Theriogenology, 2019, 131, 182-192. | 2.1 | 10 |
| 25 | Performance of LCâ€“MS/MS and immunoassay based 24-h urine free cortisol in the diagnosis of Cushing's syndrome. Journal of Steroid Biochemistry and Molecular Biology, 2019, 190, 193-197. | 2.5 | 24 |
| 26 | Gonadotropin- and Adrenocorticotropic Hormone-Independent Precocious Puberty of Gonadal Origin in a Patient with Adrenal Hypoplasia Congenita Due to DAX1 Gene Mutation â€“ A Case Report and Review of the Literature: Implications for the Pathomechanism. Hormone Research in Paediatrics, 2019, 91, 336-345. | 1.8 | 12 |
| 27 | Steroid metabolomic signature of liver disease in nonsyndromic childhood obesity. Endocrine Connections, 2019, 8, 764-771. | 1.9 | 7 |
| 28 | Vanishing 17-Hydroxyprogesterone Concentrations in 21-Hydroxylase Deficiency. Hormone Research in Paediatrics, 2018, 90, 138-144. | 1.8 | 3 |
| 29 | Current state and recommendations for harmonization of serum/plasma 17-hydroxyprogesterone mass spectrometry methods. Clinical Chemistry and Laboratory Medicine, 2018, 56, 1685-1697. | 2.3 | 14 |
| 30 | Androgen excess is due to elevated 11-oxygenated androgens in treated children with congenital adrenal hyperplasia. Journal of Steroid Biochemistry and Molecular Biology, 2018, 178, 221-228. | 2.5 | 53 |
| 31 | Oestrogen versus androgen in hormone-replacement therapy for complete androgen insensitivity syndrome: a multicentre, randomised, double-dummy, double-blind crossover trial. Lancet Diabetes and Endocrinology,the, 2018, 6, 771-780. | 11.4 | 35 |
| 32 | Reproductive performance primarily depends on the female genotype in a two-factorial breeding experiment using high-fertility mouse lines. Reproduction, 2017, 153, 361-368. | 2.6 | 16 |
| 33 | Characterization of the Micro-Environment of the Testis that Shapes the Phenotype and Function of Testicular Macrophages. Journal of Immunology, 2017, 198, 4327-4340. | 0.8 | 86 |
| 34 | The urinary steroidome of treated children with classic 21-hydroxylase deficiency. Journal of Steroid Biochemistry and Molecular Biology, 2017, 165, 396-406. | 2.5 | 27 |
| 35 | The role of sulfated steroid hormones in reproductive processes. Journal of Steroid Biochemistry and Molecular Biology, 2017, 172, 207-221. | 2.5 | 70 |
| 36 | High Glucocorticoid Response to 24-h-Shift Stressors in Male but Not in Female Physicians. Frontiers in Endocrinology, 2017, 8, 171. | 3.5 | 4 |

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|---|---|---|---|
| 37 | Higher diet-dependent renal acid load associates with higher glucocorticoid secretion and potentially bioactive free glucocorticoids in healthy children. Kidney International, 2016, 90, 325-333. | 5.2 | 46 |
| 38 | Role of steroid sulfatase in steroid homeostasis and characterization of the sulfated steroid pathway: Evidence from steroid sulfatase deficiency. Molecular and Cellular Endocrinology, 2016, 437, 142-153. | 3.2 | 41 |
| 39 | Diagnosis of 21-hydroxylase deficiency by urinary metabolite ratios using gas chromatographyâ€“mass spectrometry analysis: Reference values for neonates and infants. Journal of Steroid Biochemistry and Molecular Biology, 2016, 156, 10-16. | 2.5 | 30 |
| 40 | Phenotypic, metabolic, and molecular genetic characterization of six patients with congenital adrenal hyperplasia caused by novel mutations in the CYP11B1 gene. Journal of Steroid Biochemistry and Molecular Biology, 2016, 155, 126-134. | 2.5 | 20 |
| 41 | High levels of oxysterol sulfates in serum of patients with steroid sulfatase deficiency. Journal of Lipid Research, 2015, 56, 403-412. | 4.2 | 25 |
| 42 | Simultaneous quantification of cholesterol sulfate, androgen sulfates, and progestagen sulfates in human serum by LC-MS/MS. Journal of Lipid Research, 2015, 56, 1843-1851. | 4.2 | 64 |
| 43 | Increased left ventricular mass in hypercortisolemic depressed patients: A hypothesis based on a case series. Medical Hypotheses, 2014, 83, 730-732. | 1.5 | 5 |
| 44 | Peer group normalization and urine to blood context in steroid metabolomics: The case of CAH and obesity. Steroids, 2014, 88, 83-89. | 1.8 | 15 |
| 45 | Do depressed patients without activation of the hypothalamusâ€“pituitaryâ€“adrenal (HPA) system have metabolic disturbances?. Psychoneuroendocrinology, 2014, 39, 104-110. | 2.7 | 15 |
| 46 | Reduced Activity of 11Î²-Hydroxylase Accounts for Elevated 17Î±-Hydroxyprogesterone in Preterms. Journal of Pediatrics, 2014, 165, 280-284. | 1.8 | 27 |
| 47 | The balance of cortisolâ€“cortisone interconversion is shifted towards cortisol in neonates with congenital adrenal hyperplasia due to 21-hydroxylase deficiency. Journal of Steroid Biochemistry and Molecular Biology, 2014, 143, 386-391. | 2.5 | 6 |
| 48 | Sexual dimorphism in cortisol secretion starts after age 10 in healthy children: urinary cortisol metabolite excretion rates during growth. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E970-E976. | 3.5 | 85 |
| 49 | Persistent High Activity of the Fetal Adrenal Cortex in Preterm Infants: Is there a Clinical Significance?. Journal of Pediatric Endocrinology and Metabolism, 2006, 19, 1303-12. | 0.9 | 24 |
| 50 | Assessing Cortisol Production in Preterm Infants: Do Not Dispose of the Nappies. Pediatric Research, 2005, 57, 412-418. | 2.3 | 35 |
| 51 | Cortisol Production Rates in Preterm Infants in Relation to Growth and Illness: A Noninvasive Prospective Study Using Gas Chromatography-Mass Spectrometry. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 5737-5742. | 3.6 | 71 |
| 52 | Urinary Markers of Adrenarche: Reference Values in Healthy Subjects, Aged 3â€“18 Years. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 2015-2021. | 3.6 | 201 |