

# Mandy Vogel

## List of Publications by Year in descending order

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Version: 2024-02-01

122  
papers

3,198  
citations

218381

26  
h-index

197535

49  
g-index

133  
all docs

133  
docs citations

133  
times ranked

4432  
citing authors

#	ARTICLE	IF	CITATIONS
1	Acceleration of BMI in Early Childhood and Risk of Sustained Obesity. <i>New England Journal of Medicine</i> , 2018, 379, 1303-1312.	13.9	526
2	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	9.4	341
3	The LIFE Child study: a population-based perinatal and pediatric cohort in Germany. <i>European Journal of Epidemiology</i> , 2017, 32, 145-158.	2.5	149
4	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. <i>PLoS Genetics</i> , 2020, 16, e1008718.	1.5	95
5	Novel Insights in the Metabolic Syndrome in Childhood and Adolescence. <i>Hormone Research in Paediatrics</i> , 2017, 88, 181-193.	0.8	93
6	New pediatric percentiles of liver enzyme serum levels (alanine aminotransferase, aspartate) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 T <i>Hepatology</i> , 2018, 68, 1319-1330.	3.6	92
7	Associations Between Socio-Economic Status and Child Health: Findings of a Large German Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 677.	1.2	79
8	Age- and weight group-specific weight gain patterns in children and adolescents during the 15 years before and during the COVID-19 pandemic. <i>International Journal of Obesity</i> , 2022, 46, 144-152.	1.6	70
9	Clinical evidence-based cutoff limits for GH stimulation tests in children with a backup of results with reference to mass spectrometry. <i>European Journal of Endocrinology</i> , 2014, 171, 389-397.	1.9	69
10	Reference intervals of nine steroid hormones over the life-span analyzed by LC-MS/MS: Effect of age, gender, puberty, and oral contraceptives. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 193, 105409.	1.2	67
11	Reciprocal Associations between Electronic Media Use and Behavioral Difficulties in Preschoolers. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 814.	1.2	64
12	Leisure Activities of Healthy Children and Adolescents. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2078.	1.2	58
13	Pediatric reference data of serum lipids and prevalence of dyslipidemia: Results from a population-based cohort in Germany. <i>Clinical Biochemistry</i> , 2016, 49, 740-749.	0.8	54
14	Well-being and COVID-19-related worries of German children and adolescents: A longitudinal study from pre-COVID to the end of lockdown in Spring 2020. <i>JCPP Advances</i> , 2021, 1, e12004.	1.4	48
15	Time of Lactation and Maternal Fucosyltransferase Genetic Polymorphisms Determine the Variability in Human Milk Oligosaccharides. <i>Frontiers in Nutrition</i> , 2020, 7, 574459.	1.6	46
16	Loss of childcare and classroom teaching during the Covid-19-related lockdown in spring 2020: A longitudinal study on consequences on leisure behavior and schoolwork at home. <i>PLoS ONE</i> , 2021, 16, e0247949.	1.1	45
17	Cystic-fibrosis related-diabetes (CFRD) is preceded by and associated with growth failure and deteriorating lung function. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2017, 30, 815-821.	0.4	43
18	Evaluation of hair cortisol and cortisone change during pregnancy and the association with self-reported depression, somatization, and stress symptoms. <i>Stress</i> , 2018, 21, 43-50.	0.8	43

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19	Further stabilization and even decrease in the prevalence rates of overweight and obesity in German children and adolescents from 2005 to 2015: a cross-sectional and trend analysis. <i>Public Health Nutrition</i> , 2017, 20, 3075-3083.	1.1	41
20	Review on the role of socioeconomic status in child health and development. <i>Current Opinion in Pediatrics</i> , 2020, 32, 308-314.	1.0	40
21	An 8-item short form of the <i>Eating Disorder Examination</i> Questionnaire adapted for children (<i>ChEDE-Q8</i>). <i>International Journal of Eating Disorders</i> , 2017, 50, 679-686.	2.1	38
22	Serum Uric Acid Levels as an Indicator for Metabolically Unhealthy Obesity in Children and Adolescents. <i>Hormone Research in Paediatrics</i> , 2018, 90, 19-27.	0.8	38
23	Children and adolescents with obesity have reduced serum bone turnover markers and 25-hydroxyvitamin D but increased parathyroid hormone concentrations – Results derived from new pediatric reference ranges. <i>Bone</i> , 2020, 132, 115124.	1.4	34
24	Longitudinal analysis of axial length growth in a German cohort of healthy children and adolescents. <i>Ophthalmic and Physiological Optics</i> , 2021, 41, 532-540.	1.0	34
25	Parent-child agreement in different domains of child behavior and health. <i>PLoS ONE</i> , 2020, 15, e0231462.	1.1	30
26	The Bone Markers Sclerostin, Osteoprotegerin, and Bone-Specific Alkaline Phosphatase Are Related to Insulin Resistance in Children and Adolescents, Independent of Their Association with Growth and Obesity. <i>Hormone Research in Paediatrics</i> , 2019, 91, 1-8.	0.8	29
27	Reciprocal Longitudinal Associations Between Adolescents'™ Media Consumption and Psychological Health. <i>Academic Pediatrics</i> , 2019, 19, 109-117.	1.0	28
28	Relation of Whole Blood Amino Acid and Acylcarnitine Metabolome to Age, Sex, BMI, Puberty, and Metabolic Markers in Children and Adolescents. <i>Metabolites</i> , 2020, 10, 149.	1.3	27
29	Prevalence of pica and rumination behaviors in German children aged 7–14 and their associations with feeding, eating, and general psychopathology: a population-based study. <i>European Child and Adolescent Psychiatry</i> , 2018, 27, 1499-1508.	2.8	26
30	Relations between sleep duration with overweight and academic stress – just a matter of the socioeconomic status?. <i>Sleep Health</i> , 2019, 5, 208-215.	1.3	26
31	Influence of seasonal variation on blood pressure measurements in children, adolescents and young adults. <i>Pediatric Nephrology</i> , 2013, 28, 2343-2349.	0.9	25
32	Blood pressure tracking in children and adolescents. <i>Pediatric Nephrology</i> , 2013, 28, 2351-2359.	0.9	24
33	Pathological and non-pathological variants of restrictive eating behaviors in middle childhood: A latent class analysis. <i>Appetite</i> , 2018, 127, 257-265.	1.8	23
34	Cystatin C serum levels in healthy children are related to age, gender, and pubertal stage. <i>Pediatric Nephrology</i> , 2019, 34, 449-457.	0.9	23
35	Cross-sectional and longitudinal associations of screen time and physical activity with school performance at different types of secondary school. <i>BMC Public Health</i> , 2018, 18, 563.	1.2	22
36	Age- and Sex-Related Percentiles of Skinfold Thickness, Waist and Hip Circumference, Waist-to-Hip Ratio and Waist-to-Height Ratio: Results from a Population-Based Pediatric Cohort in Germany (LIFE) Tj ETQq0 0 0 ngBT /Overbeck 10 Tf		

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37	Endocrine-disrupting chemicals and child health. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2021, 35, 101516.	2.2	22
38	Age-Dependent Reference Values for hs-Troponin T and NT-proBNP and Determining Factors in a Cohort of Healthy Children (The LIFE Child Study). <i>Pediatric Cardiology</i> , 2022, 43, 1071-1083.	0.6	20
39	Reciprocal Longitudinal Associations Between Adolescents' Media Consumption and Sleep. <i>Behavioral Sleep Medicine</i> , 2019, 17, 763-777.	1.1	19
40	Associations of Green Spaces and Streets in the Living Environment with Outdoor Activity, Media Use, Overweight/Obesity and Emotional Wellbeing in Children and Adolescents. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6321.	1.2	19
41	Nocturnal levels of chemerin and progranulin in adolescents: influence of sex, body mass index, glucose metabolism and sleep. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2017, 30, 57-61.	0.4	18
42	Validity and intraobserver reliability of three-dimensional scanning compared with conventional anthropometry for children and adolescents from a population-based cohort study. <i>Pediatric Research</i> , 2017, 81, 736-744.	1.1	18
43	A combined approach to generate laboratory reference intervals using unbalanced longitudinal data. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2017, 30, 767-773.	0.4	18
44	Persistent organic pollutants in pregnant women potentially affect child development and thyroid hormone status. <i>Pediatric Research</i> , 2022, 91, 690-698.	1.1	18
45	High birth weights but not excessive weight gain prior to manifestation are related to earlier onset of diabetes in childhood: the "accelerator hypothesis" revisited. <i>Pediatric Diabetes</i> , 2014, 15, 428-435.	1.2	17
46	Serum lipid levels were related to socio-demographic characteristics in a German population-based child cohort. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2016, 105, e360-7.	0.7	17
47	Reference curves for refraction in a German cohort of healthy children and adolescents. <i>PLoS ONE</i> , 2020, 15, e0230291.	1.1	17
48	Lymphocytic interstitial pneumonia and follicular bronchiolitis in children: A registry-based case series. <i>Pediatric Pulmonology</i> , 2020, 55, 909-917.	1.0	16
49	Folate and Cobalamin Serum Levels in Healthy Children and Adolescents and Their Association with Age, Sex, BMI and Socioeconomic Status. <i>Nutrients</i> , 2021, 13, 546.	1.7	16
50	Association between IgE-mediated allergies and diabetes mellitus type 1 in children and adolescents. <i>Pediatric Diabetes</i> , 2015, 16, 493-503.	1.2	15
51	Speaking Voice in Children and Adolescents: Normative Data and Associations with BMI, Tanner Stage, and Singing Activity. <i>Journal of Voice</i> , 2019, 33, 580.e21-580.e30.	0.6	15
52	Birth weight increases with birth order despite decreasing maternal pregnancy weight gain. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 1218-1224.	0.7	15
53	Prenatal exposure to phthalate esters and its impact on child development. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2021, 35, 101478.	2.2	15
54	Influence of overweight/obesity, socioeconomic status, and oral hygiene on caries in primary dentition. <i>Journal of Investigative and Clinical Dentistry</i> , 2019, 10, e12394.	1.8	14

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55	COVID-19 pandemic and families' utilization of well-child clinics and pediatric practices attendance in Germany. <i>BMC Research Notes</i> , 2021, 14, 140.	0.6	14
56	Socioeconomic Status Is Related to Pubertal Development in a German Cohort. <i>Hormone Research in Paediatrics</i> , 2020, 93, 548-557.	0.8	14
57	Omentin-1 and NAMPT serum concentrations are higher and CK-18 levels are lower in children and adolescents with type 1 diabetes when compared to healthy age, sex and BMI matched controls. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2018, 31, 959-969.	0.4	13
58	Reference intervals of serum lipids in the second and third trimesters of pregnancy in a Caucasian cohort: the LIFE Child study. <i>Archives of Gynecology and Obstetrics</i> , 2019, 300, 1531-1539.	0.8	12
59	Does physiological distribution of blood parameters in children depend on socioeconomic status? Results of a German cross-sectional study. <i>BMJ Open</i> , 2018, 8, e019143.	0.8	11
60	Dynamic alterations in linear growth and endocrine parameters in children with obesity and height reference values. <i>EClinicalMedicine</i> , 2021, 37, 100977.	3.2	11
61	Concentrations of oligosaccharides in human milk and child growth. <i>BMC Pediatrics</i> , 2021, 21, 481.	0.7	11
62	Body typing of children and adolescents using 3D-body scanning. <i>PLoS ONE</i> , 2017, 12, e0186881.	1.1	10
63	Hair Cortisol Concentration in Healthy Children and Adolescents Is Related to Puberty, Age, Gender, and Body Mass Index. <i>Hormone Research in Paediatrics</i> , 2019, 92, 237-244.	0.8	10
64	CoCu: A new short questionnaire to evaluate diet composition and culture of eating in children and adolescents. <i>Clinical Nutrition</i> , 2019, 38, 2858-2865.	2.3	10
65	Atopic diseases in children and adolescents are associated with behavioural difficulties. <i>BMC Pediatrics</i> , 2021, 21, 197.	0.7	10
66	Calcitonin measurement in pediatrics: reference ranges are gender-dependent, validation in medullary thyroid cancer and thyroid diseases. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 1242-1250.	1.4	9
67	And yet Again: Having Breakfast Is Positively Associated with Lower BMI and Healthier General Eating Behavior in Schoolchildren. <i>Nutrients</i> , 2021, 13, 1351.	1.7	9
68	Pediatric reference intervals for TSH, FT3 and FT4 and the relevance of BMI and puberty in measurement interpretation. <i>Thyroid</i> , 2021, 31, 1192-1202.	2.4	9
69	Wellbeing, coping with homeschooling, and leisure behavior at different COVID-19-related lockdowns: A longitudinal study in 9- to 16-year-old German children. <i>JCPP Advances</i> , 2022, 2, e12062.	1.4	9
70	<sc>HbA1c</sc> percentiles and the association between <sc>BMI</sc> , age, gender, puberty, and <sc>HbA1c</sc> levels in healthy German children and adolescents. <i>Pediatric Diabetes</i> , 2022, 23, 194-202.	1.2	9
71	Sensation seeking in 3- to 6-year-old children: associations with socio-demographic parameters and behavioural difficulties. <i>BMC Pediatrics</i> , 2019, 19, 77.	0.7	7
72	Motor skills in relation to body-mass index, physical activity, TV-watching, and socioeconomic status in German four-to-17-year-old children. <i>PLoS ONE</i> , 2021, 16, e0251738.	1.1	7

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73	BMI and Contraceptives Affect New Age-, Sex-, and Puberty-adjusted IGF-I and IGFBP-3 Reference Ranges Across Life Span. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e2991-e3002.	1.8	7
74	Association of Oral Health Conditions in Adolescents with Social Factors and Obesity. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2905.	1.2	7
75	Clinical and biochemical consequences of an intragenic growth hormone receptor (<scp>GHR</scp>) deletion in a large Chinese pedigree. <i>Clinical Endocrinology</i> , 2015, 82, 453-461.	1.2	6
76	Longitudinal anthropometry of children and adolescents using 3D-body scanning. <i>PLoS ONE</i> , 2018, 13, e0203628.	1.1	6
77	Exercise capacity in children with bronchopulmonary dysplasia at school age. <i>Respiratory Medicine</i> , 2020, 171, 106102.	1.3	6
78	Impaired visual acuity caused by uncorrected refractive errors and amblyopia in a German paediatric cohort. <i>Ophthalmic and Physiological Optics</i> , 2021, 41, 42-52.	1.0	6
79	Associations between changes in behavioral difficulties and levels of problematic smartphone use in adolescents over a 1-year period. <i>European Child and Adolescent Psychiatry</i> , 2023, 32, 533-536.	2.8	6
80	Effect of physical activity and BMI SDS on bone metabolism in children and adolescents. <i>Bone</i> , 2021, 153, 116131.	1.4	6
81	Substance use in childhood and adolescence and its associations with quality of life and behavioral strengths and difficulties. <i>BMC Public Health</i> , 2022, 22, 275.	1.2	6
82	Obesity after the Covid-19 pandemic and beyond. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2022, 35, 135-138.	0.4	6
83	Families' Worries during the First and Second COVID-19 Wave in Germany: Longitudinal Study in Two Population-Based Cohorts. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2820.	1.2	6
84	Neck circumference is similarly predicting for impairment of glucose tolerance as classic anthropometric parameters among healthy and obese children and adolescents. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2017, 30, 643-650.	0.4	5
85	Immediate effects of an artificial change in hoof angulation on the dorsal metacarpophalangeal joint angle and cross-sectional areas of both flexor tendons. <i>Veterinary Record</i> , 2018, 182, 692-692.	0.2	5
86	New normal limits for pediatric ECG in childhood obesity? Influence of childhood obesity on the ECG. <i>Progress in Pediatric Cardiology</i> , 2018, 48, 119-123.	0.2	5
87	Establishing Normative Data on Singing Voice Parameters of Children and Adolescents with Average Singing Activity Using the Voice Range Profile. <i>Folia Phoniatica Et Logopaedica</i> , 2021, 73, 565-576.	0.5	5
88	Associations of prenatal exposure to phthalates and one phthalate substitute with anthropometric measures in early life: Results from the German LIFE Child cohort study. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2021, 35, 101532.	2.2	5
89	Purchasing Behavior, Setting, Pricing, Family: Determinants of School Lunch Participation. <i>Nutrients</i> , 2021, 13, 4209.	1.7	5
90	Reference intervals for iron-related blood parameters: results from a population-based cohort study (LIFE Child). <i>Laboratoriums Medizin</i> , 2016, 40, .	0.1	4

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91	Relative QT interval prolongation and electrical inhomogeneity of cardiac repolarization in childhood obesity. <i>Progress in Pediatric Cardiology</i> , 2017, 47, 64-67.	0.2	4
92	Novel approach to visualize the inter-dependencies between maternal sensitization, breast milk immune components and human milk oligosaccharides in the LIFE Child cohort. <i>PLoS ONE</i> , 2020, 15, e0230472.	1.1	4
93	Age-Related Association of Calcitonin with Parameters of Anthropometry, Bone and Calcium Metabolism during Childhood. <i>Hormone Research in Paediatrics</i> , 2020, 93, 361-370.	0.8	4
94	Gewichtszunahme bei Kindern und Jugendlichen während der Covid-19 Pandemie. <i>Adipositas - Ursachen Folgeerkrankungen Therapie</i> , 2021, 15, 206-211.	0.2	4
95	A Rapid Chemiluminescence Assay for Measurement of Folate in Small Volumes of Breast Milk. <i>Molecules</i> , 2019, 24, 2730.	1.7	3
96	Overweight Proxies Are Associated with Atopic Asthma: A Matched Case-Control Study. <i>Hormone Research in Paediatrics</i> , 2019, 91, 380-390.	0.8	3
97	Survival Benefits Following Liver Transplantation: A Matched-pair Analysis in Pediatric Patients With Cystic Fibrosis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2021, 73, 385-390.	0.9	3
98	Changes in diet from pregnancy to one year after birth: a longitudinal study. <i>BMC Pregnancy and Childbirth</i> , 2021, 21, 600.	0.9	3
99	Automated detection of the choroid boundary within OCT image data using quadratic measure filters. <i>Journal of Biomedical Optics</i> , 2017, 22, 025004.	1.4	3
100	Does obesity have an effect on the ECG in children?. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2020, 33, 585-589.	0.4	3
101	Translating Science into Practice: What Are the Needs of People with Obesity and/or Diabetes?. , 2014, , 377-386.		2
102	Seasonal variation of blood pressure in children. <i>Pediatric Nephrology</i> , 2020, 36, 2257-2263.	0.9	2
103	Spot urine iodine levels below the WHO recommendation are not related to impaired thyroid function in healthy children and adolescents. <i>European Journal of Nutrition</i> , 2021, 60, 493-502.	1.8	2
104	Different habitus but similar electrocardiogram: Cardiac repolarization parameters in children - Comparison of elite athletes to obese children. <i>Annals of Pediatric Cardiology</i> , 2019, 12, 201.	0.2	2
105	Cystatin C relates to metabolism in healthy, pubertal adolescents. <i>Pediatric Nephrology</i> , 2022, 37, 423-432.	0.9	2
106	Feeding, eating and behavioral disturbances in Prader-Willi syndrome and non-syndromal obesity. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2016, 29, 923-932.	0.4	1
107	Pediatric endocrinology is pediatrics is public health. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2017, 30, 371-374.	0.4	1
108	Endocrine aspects in cystic fibrosis. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2017, 30, 805-806.	0.4	1

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109	Morphometric evaluation of the growth of Alpacas ( <i>Vicugna pacos</i> ) from birth to 36 months of age. <i>Small Ruminant Research</i> , 2018, 166, 61-65.	0.6	1
110	Covid19 pandemic and pediatric endocrinology and metabolism – Are we through with it?. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2021, 34, 535-537.	0.4	1
111	Composition and Culture of Eating (CoCu) pregnancy: a new short questionnaire to evaluate diet composition and culture of eating during pregnancy. <i>Public Health Nutrition</i> , 2021, 24, 1-9.	1.1	1
112	Referenzintervalle für eisenabhängige Blutparameter bei Kindern und Jugendlichen: Ergebnisse einer populationsgestützten Kohortenstudie (LIFE Child). <i>Laboratoriums Medizin</i> , 2016, 40, 31-41.	0.1	1
113	Reference centiles based on year-to-year changes for a longitudinal evaluation of motor performance in children and adolescents. <i>PLoS ONE</i> , 2022, 17, e0262163.	1.1	1
114	In Response to – Towards Reference Values for NT-proBNP Applicable in Pediatric Clinical Practice – <i>Pediatric Cardiology</i> , 2022, 43, 1405-1406.	0.6	1
115	Basic Epidemiology, Statistics, and Epidemiology Tools and Methods. <i>Pediatric and Adolescent Medicine</i> , 2018, , 113-142.	0.4	0
116	Associations of prenatal exposure to phthalates and phthalate substitutes with anthropometric measures in early life: results from a German cohort study. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2021, , 101533.	2.2	0
117	Audit of sweat chloride testing reveals analytical errors. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 1376-1383.	1.4	0
118	Dynamic Alterations in Linear Growth and Endocrine Parameters in Children with Obesity Compared to Normal-Weight Children from Infancy to Adolescence. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
119	MOPS – A feasibility Study for working with GPS and sensor data in a medical context. , 0, , .		0
120	New reference intervals for endocrinological biomarkers in pediatric patients: what can we learn from the LIFE child study?. <i>Journal of Laboratory Medicine</i> , 2021, 45, 303-310.	1.1	0
121	Association between hair cortisol concentration and behavioral difficulties in children and adolescents. <i>Psychoneuroendocrinology</i> , 2022, 142, 105795.	1.3	0
122	Online survey carried out in 2022 showed that COVID-19 was associated with negative changes in children's lives. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 0, , .	0.7	0