

Susanna Wiegand

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

6,375
citations

159585

30
h-index

69250

77
g-index

101
all docs

101
docs citations

101
times ranked

12375
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacotherapy in Childhood Obesity. <i>Hormone Research in Paediatrics</i> , 2022, 95, 177-192.	1.8	9
2	Interactions between nocturnal melatonin secretion, metabolism, and sleeping behavior in adolescents with obesity. <i>International Journal of Obesity</i> , 2022, 46, 1051-1058.	3.4	6
3	Comparison of two methods of cardiopulmonary exercise testing for assessing physical fitness in children and adolescents with extreme obesity. <i>European Journal of Pediatrics</i> , 2022, , 1.	2.7	0
4	Variants in mitochondrial amidoxime reducing component 1 and hydroxysteroid 17 β dehydrogenase 13 reduce severity of nonalcoholic fatty liver disease in children and suppress fibrotic pathways through distinct mechanisms. <i>Hepatology Communications</i> , 2022, 6, 1934-1948.	4.3	18
5	Regulation of the cytochrome P450 epoxyeicosanoid pathway is associated with distinct histologic features in pediatric non-alcoholic fatty liver disease. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2021, 164, 102229.	2.2	6
6	Hepatocyte-specific NRF2 activation controls fibrogenesis and carcinogenesis in steatohepatitis. <i>Journal of Hepatology</i> , 2021, 74, 638-648.	3.7	84
7	A Prospective Study of Children Aged 0â€“8 Years with CAH and Adrenal Insufficiency Treated with Hydrocortisone Granules. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e1433-e1440.	3.6	22
8	Gustatory Function Can Improve after Multimodal Lifestyle Intervention: A Longitudinal Observational Study in Pediatric Patients with Obesity. <i>Childhood Obesity</i> , 2021, 17, 136-143.	1.5	6
9	How histopathologic changes in pediatric nonalcoholic fatty liver disease influence in vivo liver stiffness. <i>Acta Biomaterialia</i> , 2021, 123, 178-186.	8.3	13
10	Comparison of cardiovascular risk factors between children and adolescents with classes III and IV obesity: findings from the APV cohort. <i>International Journal of Obesity</i> , 2021, 45, 1061-1073.	3.4	9
11	Natural Autoimmunity to the Thyroid Hormone Monocarboxylate Transporters MCT8 and MCT10. <i>Biomedicines</i> , 2021, 9, 496.	3.2	1
12	A Melanocortin-4 Receptor Agonist Induces Skin and Hair Pigmentation in Patients with Monogenic Mutations in the Leptin-Melanocortin Pathway. <i>Skin Pharmacology and Physiology</i> , 2021, 34, 307-316.	2.5	16
13	Cardiac Phenotype and Tissue Sodium Content in Adolescents With Defects in the Melanocortin System. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 2606-2616.	3.6	3
14	Long-term outcomes of bariatric surgery in patients with bi-allelic mutations in the POMC, LEPR, and MC4R genes. <i>Surgery for Obesity and Related Diseases</i> , 2021, 17, 1449-1456.	1.2	29
15	Bewegungs- und ErnÄhrungsverhalten von Kindern und Jugendlichen mit Adipositas und ihren Familien wÄhrend der COVID-19-Pandemie: Eine Beobachtungsstudie im sozialpÄdiatrischen Kontext. <i>Adipositas - Ursachen Folgeerkrankungen Therapie</i> , 2021, 15, 201-205.	0.2	1
16	Efficacy and safety of setmelanotide, an MC4R agonist, in individuals with severe obesity due to LEPR or POMC deficiency: single-arm, open-label, multicentre, phase 3 trials. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 960-970.	11.4	235
17	Antagonistic Autoantibodies to Insulin-Like Growth Factor-1 Receptor Associate with Poor Physical Strength. <i>International Journal of Molecular Sciences</i> , 2020, 21, 463.	4.1	9
18	Cooperation behaviour of primary care paediatricians: facilitators and barriers to multidisciplinary obesity management. <i>European Journal of Public Health</i> , 2020, 30, 407-414.	0.3	3

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19	Pharmacological treatment strategies for patients with monogenic obesity. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2020, 33, 967-973.	0.9	9
20	Targeting parental motivation for change in childhood obesity: development and validation of the PURICA-S scale. <i>International Journal of Obesity</i> , 2019, 43, 2291-2301.	3.4	5
21	Associations between circulating inflammatory markers, diabetes type and complications in youth. <i>Pediatric Diabetes</i> , 2019, 20, 1118-1127.	2.9	31
22	Diagnosis, Therapy and Follow-up of Diabetes Mellitus in Children and Adolescents. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2019, 127, 341-352.	1.2	12
23	Sleep Timing in Patients with Precocious and Delayed Pubertal Development. <i>Clocks & Sleep</i> , 2019, 1, 140-150.	2.0	8
24	Evaluation of a rare glucose-dependent insulinotropic polypeptide receptor variant in a patient with diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 1168-1176.	4.4	1
25	Tissue Sodium Content and Arterial Hypertension in Obese Adolescents. <i>Journal of Clinical Medicine</i> , 2019, 8, 2036.	2.4	9
26	Tomoelastography for the Evaluation of Pediatric Nonalcoholic Fatty Liver Disease. <i>Investigative Radiology</i> , 2019, 54, 198-203.	6.2	28
27	Age, maturation and serum lipid parameters: findings from the German Health Survey for Children and Adolescents. <i>BMC Public Health</i> , 2019, 19, 1627.	2.9	24
28	Genetic determinants of steatosis and fibrosis progression in paediatric non-alcoholic fatty liver disease. <i>Liver International</i> , 2019, 39, 540-556.	3.9	54
29	Do adolescents with extreme obesity differ according to previous treatment seeking behavior? The Youth with Extreme obesity Study (YES) cohort. <i>International Journal of Obesity</i> , 2019, 43, 103-115.	3.4	11
30	An Integrated Understanding of the Molecular Mechanisms of How Adipose Tissue Metabolism Affects Long-term Body Weight Maintenance. <i>Diabetes</i> , 2019, 68, 57-65.	0.6	23
31	The Weight Bias Internalization Scale for Youth: Validation of a Specific Tool for Assessing Internalized Weight Bias Among Treatment-Seeking German Adolescents With Overweight. <i>Journal of Pediatric Psychology</i> , 2018, 43, 40-51.	2.1	26
32	Lipoprotein-associated phospholipase A2 activity in obese adolescents with and without type 2 diabetes. <i>Journal of Inherited Metabolic Disease</i> , 2018, 41, 73-79.	3.6	7
33	Absorption and tolerability of taste-masked hydrocortisone granules in neonates, infants and children under 6 years of age with adrenal insufficiency. <i>Clinical Endocrinology</i> , 2018, 88, 21-29.	2.4	46
34	Risk Factors and Implications of Childhood Obesity. <i>Current Obesity Reports</i> , 2018, 7, 254-259.	8.4	171
35	US Time-Harmonic Elastography: Detection of Liver Fibrosis in Adolescents with Extreme Obesity with Nonalcoholic Fatty Liver Disease. <i>Radiology</i> , 2018, 288, 99-106.	7.3	38
36	Current Guidelines for Obesity Prevention in Childhood and Adolescence. <i>Obesity Facts</i> , 2018, 11, 263-276.	3.4	105

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37	MC4R agonism promotes durable weight loss in patients with leptin receptor deficiency. <i>Nature Medicine</i> , 2018, 24, 551-555.	30.7	219
38	Low association between fasting and OGTT stimulated glucose levels with HbA1c in overweight children and adolescents. <i>Pediatric Diabetes</i> , 2017, 18, 734-741.	2.9	12
39	Changing Characteristics of Obese Children and Adolescents Entering Pediatric Lifestyle Intervention Programs in Germany over the Last 11 Years: An Adiposity Patients Registry Multicenter Analysis of 65,453 Children and Adolescents. <i>Obesity Facts</i> , 2017, 10, 517-530.	3.4	9
40	Diabetes screening in overweight and obese children and adolescents: choosing the right test. <i>European Journal of Pediatrics</i> , 2017, 176, 89-97.	2.7	26
41	Investigation of Naturally Occurring Single-Nucleotide Variants in Human TAAR1. <i>Frontiers in Pharmacology</i> , 2017, 8, 807.	3.5	15
42	A Structured, Manual-Based Low-Level Intervention vs. Treatment as Usual Evaluated in a Randomized Controlled Trial for Adolescents with Extreme Obesity - the STEREO Trial. <i>Obesity Facts</i> , 2017, 10, 341-352.	3.4	7
43	Development and psychometric validation of the "Parent Perspective University of Rhode Island Change Assessment-Short"™ (PURICA-S) Questionnaire for the application in parents of children with overweight and obesity. <i>BMJ Open</i> , 2016, 6, e012711.	1.9	7
44	ANP system activity predicts variability of fat mass reduction and insulin sensitivity during weight loss. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 935-943.	3.4	19
45	Interindividual Variation in DNA Methylation at a Putative POMC Metastable Epiallele Is Associated with Obesity. <i>Cell Metabolism</i> , 2016, 24, 502-509.	16.2	110
46	Proopiomelanocortin Deficiency Treated with a Melanocortin-4 Receptor Agonist. <i>New England Journal of Medicine</i> , 2016, 375, 240-246.	27.0	358
47	Hormonal regulatory mechanisms in obese children and adolescents after previous weight reduction with a lifestyle intervention: maintain - paediatric part - a RCT from 2009"15. <i>BMC Obesity</i> , 2016, 3, 29.	3.1	12
48	Leptin but not adiponectin is related to type 2 diabetes mellitus in obese adolescents. <i>Pediatric Diabetes</i> , 2016, 17, 281-288.	2.9	22
49	Inflammatory Markers in Obese Adolescents with Type 2 Diabetes and Their Relationship to Hepatokines and Adipokines. <i>Journal of Pediatrics</i> , 2016, 173, 131-135.	1.8	33
50	Updated prevalence rates of overweight and obesity in 11- to 17-year-old adolescents in Germany. Results from the telephone-based KiGGS Wave 1 after correction for bias in self-reports. <i>BMC Public Health</i> , 2015, 15, 1101.	2.9	48
51	Development and Validation of Correction Formulas for Self-Reported Height and Weight to Estimate BMI in Adolescents. Results from the KiGGS Study. <i>Obesity Facts</i> , 2015, 8, 30-42.	3.4	16
52	Fibroblast Growth Factor 21 and Fetuin-A in Obese Adolescents With and Without Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 3004-3010.	3.6	33
53	Blood Pressure in 57,915 Pediatric Patients Who Are Overweight or Obese Based on Five Reference Systems. <i>American Journal of Cardiology</i> , 2015, 115, 1587-1594.	1.6	42
54	Current use of metformin in addition to insulin in pediatric patients with type 1 diabetes mellitus: an analysis based on a large diabetes registry in Germany and Austria. <i>Pediatric Diabetes</i> , 2015, 16, 529-537.	2.9	20

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55	Impact of Maternal Country of Birth on Type-1-Diabetes Therapy and Outcome in 27,643 Children and Adolescents from the DPV Registry. PLoS ONE, 2015, 10, e0135178.	2.5	24
56	Comorbidities: Non Alcoholic Fatty Liver in Childhood Obesity. , 2015, , 41-53.		0
57	Familienbasierte Ansätze der Behandlung. , 2015, , 487-496.		0
58	Children and adolescents with type 1 diabetes in Germany are more overweight than healthy controls: results comparing DPV database and CrescNet database. Journal of Pediatric Endocrinology and Metabolism, 2014, 27, 209-14.	0.9	31
59	Predicting Weight Loss and Maintenance in Overweight/Obese Pediatric Patients. Hormone Research in Paediatrics, 2014, 82, 380-387.	1.8	60
60	Applying a correction procedure to the prevalence estimates of overweight and obesity in the German part of the HBSC study. BMC Research Notes, 2014, 7, 181.	1.4	10
61	Mitochondrial DNA Variants in Obesity. PLoS ONE, 2014, 9, e94882.	2.5	26
62	Body Mass Index, Waist Circumference, and Waist-to-Height Ratio as Predictors of Cardiometabolic Risk in Childhood Obesity Depending on Pubertal Development. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 3384-3393.	3.6	99
63	Medical and psychosocial implications of adolescent extreme obesity – acceptance and effects of structured care, short: Youth with Extreme Obesity Study (YES). BMC Public Health, 2013, 13, 789.	2.9	19
64	Body Mass Index or Waist Circumference: Which Is the Better Predictor for Hypertension and Dyslipidemia in Overweight/Obese Children and Adolescents? Association of Cardiovascular Risk Related to Body Mass Index or Waist Circumference. Hormone Research in Paediatrics, 2013, 80, 170-178.	1.8	44
65	The Key Role of Psychosocial Risk on Therapeutic Outcome in Obese Children and Adolescents. Results from a Longitudinal Multicenter Study. Obesity Facts, 2013, 6, 297-305.	3.4	15
66	Screening for Co-Morbidity in 65,397 Obese Pediatric Patients from Germany, Austria and Switzerland: Adherence to Guidelines Improved from the Year 2000 to 2010. Obesity Facts, 2013, 6, 360-368.	3.4	8
67	Differences in taste sensitivity between obese and non-obese children and adolescents. Archives of Disease in Childhood, 2012, 97, 1048-1052.	1.9	138
68	Do Common Variants Separate between Obese Melanocortin-4 Receptor Gene Mutation Carriers and Non-Carriers? The Impact of Cryptic Relatedness. Hormone Research in Paediatrics, 2012, 77, 358-368.	1.8	3
69	An Alu Element – Associated Hypermethylation Variant of the POMC Gene Is Associated with Childhood Obesity. PLoS Genetics, 2012, 8, e1002543.	3.5	151
70	Comorbidities Related to BMI Category in Children and Adolescents: German/Austrian/Swiss Obesity Register APV Compared to the German KiGGS Study. Hormone Research in Paediatrics, 2012, 77, 19-26.	1.8	46
71	Rescue of Melanocortin 4 Receptor (MC4R) Nonsense Mutations by Aminoglycoside – Mediated Read – Through. Obesity, 2012, 20, 1074-1081.	3.0	37
72	Mutation screen in the GWAS derived obesity gene SH2B1 including functional analyses of detected variants. BMC Medical Genomics, 2012, 5, 65.	1.5	30

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73	Does obesity lead to a specific lipid disorder? Analysis from the German/Austrian/Swiss APV registry. <i>Pediatric Obesity</i> , 2011, 6, 53-58.	3.2	24
74	Proinsulin and the proinsulin/insulin ratio in overweight and obese children and adolescents: relation to clinical parameters, insulin resistance, and impaired glucose regulation. <i>Pediatric Diabetes</i> , 2011, 12, 242-249.	2.9	14
75	Gamma-glutamyl Transferase Is Strongly Associated With Degree of Overweight and Sex. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2011, 52, 635-638.	1.8	11
76	Obese boys at increased risk for nonalcoholic liver disease: evaluation of 16% overweight or obese children and adolescents. <i>International Journal of Obesity</i> , 2010, 34, 1468-1474.	3.4	100
77	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010, 42, 937-948.	21.4	2,634
78	Association of variants in gastric inhibitory polypeptide receptor gene with impaired glucose homeostasis in obese children and adolescents from Berlin. <i>European Journal of Endocrinology</i> , 2010, 163, 259-264.	3.7	26
79	Metformin and placebo therapy both improve weight management and fasting insulin in obese insulin-resistant adolescents: a prospective, placebo-controlled, randomized study. <i>European Journal of Endocrinology</i> , 2010, 163, 585-592.	3.7	77
80	Two-year Follow-up in 21,784 Overweight Children and Adolescents With Lifestyle Intervention. <i>Obesity</i> , 2009, 17, 1196-1199.	3.0	120
81	Cardiovascular Risk in 26,008 European Overweight Children as Established by a Multicenter Database. <i>Obesity</i> , 2008, 16, 1672-1679.	3.0	147
82	Type 2 Diabetes in Children and Adolescents in a 2-Year Follow-Up: Insufficient Adherence to Diabetes Centers. <i>Hormone Research in Paediatrics</i> , 2008, 69, 107-113.	1.8	52
83	Daily insulin requirement of children and adolescents with type 1 diabetes: effect of age, gender, body mass index and mode of therapy. <i>European Journal of Endocrinology</i> , 2008, 158, 543-549.	3.7	36
84	Reduced 11 β -hydroxysteroid dehydrogenase type 1 activity in obese boys. <i>European Journal of Endocrinology</i> , 2007, 157, 319-324.	3.7	21
85	Type 2 diabetes and impaired glucose tolerance in European children and adolescents with obesity – a problem that is no longer restricted to minority groups. <i>European Journal of Endocrinology</i> , 2004, 151, 199-206.	3.7	174
86	Medical care of obese children and adolescents. <i>European Journal of Pediatrics</i> , 2004, 163, 308-312.	2.7	51