

Publication List Antje Körner

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Publons (WoS): <https://publons.com/researcher/2440229/antje-korner/publications/>
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Original Publications*

2022

1. Landgraf K, Kühnapfel A, Schlanstein M, Biemann R, Isermann B, Kempf E, Kirsten H, Scholz M, Körner A. Transcriptome Analyses of Adipose Tissue Samples Identify EGFL6 as a Candidate Gene Involved in Obesity-Related Adipose Tissue Dysfunction in Children. **Int J Mol Sci** 23(8):4349 (2022) IF: 6.21 ; cites 0
2. Winkler TW, Rasheed H, Teumer A, Gorski M, Rowan BX, Stanzick KJ, Thomas LF, Tin A, Hoppmann A, Chu AY, Tayo B, Thio CHL, Cusi D, Chai JF, Sieber KB, Horn K, Li M, Scholz M, Cocca M, Wuttke M, van der Most PJ, Yang Q, Ghasemi S, Nutile T, Li Y, Pontali G, Günther F, Dehghan A, Correa A, Parsa A, Feresin A, de Vries APJ, Zonderman AB, Smith AV, Oldehinkel AJ, De Grandi A, Rosenkranz AR, Franke A, Teren A, Metspalu A, Hicks AA, Morris AP, Tönjes A, Morgan A, Podgornaia AI, Peters A, Körner A, [], Heid IM. Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. **Commun Biol** 5(1):580 (2022) IF: 6.55 ; cites 0
3. Hanschkow M, Boulet N, Kempf E, Bouloumié A, Kiess W, Stein R, Körner A, Landgraf K. Expression of the adipocyte progenitor markers MSCA1 and CD36 is associated with adipose tissue function in children. **J Clin Endocrinol Metab** 107:e836-e851 (2022) IF: 6.13; cites 0
4. Vogel M, Geserick M, Gausche R, Beger C, Poulain T, Meigen C, Körner A, Keller E, Kiess W, Pfäffle R. Age- and weight group-specific weight gain patterns in children and adolescents during the 15 years before and during the COVID-19 pandemic. **Int J Obes (Lond)** 46:144-152 (2022) IF: 5.55; cites 13
5. Thrum S, Sommer M, Raulien N, Gericke M, Massier L, Kovacs P, Krasselt M, Landgraf K, Körner A, Dietrich A, Blüher M, Rossol M, Wagner U. Macrophages in obesity are characterised by increased IL-1 β response to calcium-sensing receptor signals. **Int J Obes (Lond)** Aug 5 (2022) Epub ahead of print IF: 5.55 ; cites 0
6. Buchhardt J, Kiess W, Körner A, Biemann R, Hirsch C, Child Study Team L. The Influence of Steroid Hormones on Tooth Wear in Children and in Adolescents. **J Clin Med** 11(13):3603 (2022) IF: 4.96 ; cites 0
7. Brandstetter S, Poulain T, Vogel M, Meigen C, Melter M, Köninger A, Apfelbacher C, Kiess W, Kabesch M, Körner A, Kuno Kids Study Group. Families' Worries during the First and Second COVID-19 Wave in Germany: Longitudinal Study in Two Population-Based Cohorts. **Int J Environ Res Public Health**. 19(5):2820 (2022) IF: 4.61 ; cites 1
8. Krönke AA, Jurkutat A, Schlingmann M, Poulain T, Nüchter M, Hilbert A, Kiviranta H, Körner A, Vogel M, Söder O, Bornehag CG, Kiess W. Persistent organic pollutants in pregnant women potentially affect child development and thyroid hormone status. **Pediatr Res** 91(3):690-698 (2022) IF: 3.95; cites 3

* Impact factors according to Journal Citation Report;
citations according to Web of Science core collection as of Sept 5th 2022

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9. Ziegelasch N, Vogel M, Körner A, Koch E, Jurkutat A, Ceglarek U, Dittrich K, Kiess W. Cystatin C relates to metabolism in healthy, pubertal adolescents. **Pediatr Nephrol** 37:423-432 (2022) IF: 3.65; cites 0
10. Hovestadt I, Kiess W, Lewien C, Willenberg A, Poulain T, Meigen C, Körner A, Vogel M. HbA1c percentiles and the association between BMI, age, gender, puberty, and HbA1c levels in healthy German children and adolescents. **Pediatr Diabetes** 23(2):194-202 (2022) IF: 3.41; cites 1
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14. Chen J, Spracklen CN, [118authors], Vogel M, [20authors], Blüher M, [33authors], Kiess W, [24authors], Körner A, Kovacs P, [56authors], Stumvoll M, Sun L, Tabara Y, Tai ES, Timpson NJ, Tönjes A, [24authors], Zeggini E, [14authors], Wheeler E, Morris AP, Barroso I. The trans-ancestral genomic architecture of glycemic traits. **Nat Genet** 53:840-60 (2021) IF: 41.38; cites 43
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16. Schaffert A, Krieg L, Weiner J, Schlichting R, Ueberham E, Karkossa I, Bauer M, Landgraf K, Junge KM, Wabitsch M, Lehmann J, Escher BI, Zenclussen AC, Körner A, Blüher M, Heiker JT, von Bergen M, Schubert K. Alternatives for the worse: Molecular insights into adverse effects of bisphenol a and substitutes during human adipocyte differentiation. **Environ Int** 156:106730 (2021) IF: 13.35; cites 9
17. Surup H, Vogel M, Koerner A, Hiemisch A, Oelkers L, Willenberg A, Kiess W, Kratzsch J. Pediatric Reference Intervals for Thyrotropin, Free Triiodothyronine, and Free Thyroxine and the Relevance of Body Mass Index and Puberty in Measurement Interpretation. **Thyroid** 31:1192-202 (2021) IF: 6.51; cites 2
18. Kreuzler P, Vogel M, Willenberg A, Baber R, Dietz Y, Körner A, Ceglarek U, Kiess W. Folate and Cobalamin Serum Levels in Healthy Children and Adolescents and Their Association with Age, Sex, BMI and Socioeconomic Status. **Nutrients** 13 (2021) IF: 6.71; cites 3
19. Kirstein AS, Kehr S, Nebe M, Hanschkow M, Barth LAG, Lorenz J, Penke M, Breitfeld J, Le Duc D, Landgraf K, Körner A, Kovacs P, Stadler PF, Kiess W, Garten A. PTEN regulates adipose progenitor cell growth, differentiation, and replicative aging. **J Biol Chem** 297:100968 (2021) IF: 5.49; cites 3

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22. Spielau U, Vogel M, Körner A, Kiess W, Poulain T. Composition and Culture of Eating (CoCu) pregnancy: a new short questionnaire to evaluate diet composition and culture of eating during pregnancy. **Public Health Nutr** 24:6227-35 (2021) IF: 4.54; cites 1
23. Poulain T, Meigen C, Sobek C, Ober P, Igel U, Körner A, Kiess W, Vogel M. 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. **PLoS One** 16:e0247949 (2021) IF: 3.75; cites 17
24. Möller S, Poulain T, Körner A, Meigen C, Jurkutat A, Vogel M, Wessela S, Hiemisch A, Grafe N, Kiess W. Motor skills in relation to body-mass index, physical activity, TV-watching, and socioeconomic status in German four-to-17-year-old children. **PLoS One** 16:e0251738 (2021) IF: 3.75; cites 1
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27. Vogel M, Meigen C, Sobek C, Ober P, Igel U, Körner A, Kiess W, Poulain T. 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. **JCPP Adv** 1:e12004 (2021) IF:

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29. Voigtmann F, Wolf P, Landgraf K, Stein R, Kratzsch J, Schmitz S, Jamra RA, Blüher M, Meiler J, Beck-Sickinger AG, Kiess W, Körner A. Identification of a novel leptin receptor (LEPR) variant and proof of functional relevance directing treatment decisions in patients with morbid obesity. **Metabolism**:154438 (2020) IF: 13.93; cites 7
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32. Shamsi F, Xue R, Huang TL, Lundh M, Liu Y, Leiria LO, Lynes MD, Kempf E, Wang CH, Sugimoto S, Nigro P, Landgraf K, Schulz T, Li Y, Emanuelli B, Kothakota S, Williams LT, Jessen N, Pedersen SB, Böttcher Y, Blüher M, Körner A, Goodyear LJ, Mohammadi M, Kahn CR, Tseng YH. FGF6 and FGF9 regulate UCP1 expression independent of brown adipogenesis. **Nat Commun** 11:1421 (2020) IF: 17.69; cites 36
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35. Suchý T, Zieschang C, Popkova Y, Kaczmarek I, Weiner J, Liebing AD, Çakir MV, Landgraf K, Gericke M, Pospisilik JA, Körner A, Heiker JT, Dannenberger D, Schiller J, Schöneberg T, Liebscher I, Thor D. The repertoire of Adhesion G protein-coupled receptors in adipocytes and their functional relevance. **Int J Obes (Lond)** (2020) IF: 5.55; cites 13
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37. Kässner F, Kirstein A, Händel N, Schmid GL, Landgraf K, Berthold A, Tannert A, Schaefer M, Wabitsch M, Kiess W, Körner A, Garten A. A new human adipocyte model with PTEN haploinsufficiency. **Adipocyte** 9:290-301 (2020) IF: 3.55; cites 5
38. Krieg L, Schaffert A, Kern M, Landgraf K, Wabitsch M, Beck-Sickinge AG, Körner A, Blüher M, von Bergen M, Schubert K. An MRM-Based Multiplexed Quantification Assay for Human Adipokines and Apolipoproteins. **Molecules** 25 (2020) IF: 4.93; cites 6
39. Geserick M, Vogel M, Eckelt F, Schlingmann M, Hiemisch A, Baber R, Thiery J, Körner A, Kiess W, Kratzsch J. 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. **Bone** 132:115124 (2020) IF: 4.63; cites 23
40. Rauch A, Körner A, Kiess W, Hirsch C, Schierz O. Relationship between Age-Dependent Body Constitution and Temporomandibular Joint Sounds in Adolescents. **J Clin Med** 9 (2020) IF: 4.96; cites 0
41. Koutny F, Weghuber D, Bollow E, Greber-Platzer S, Hartmann K, Körner A, Reinehr T, Roehl M, Simic-Schleicher G, Wabitsch M, Widhalm K, Wiegand S, Holl RW. Prevalence of prediabetes and type 2 diabetes in children with obesity and increased transaminases in European German-speaking countries. Analysis of the APV initiative. **Pediatr Obes** 15:e12601 (2020) IF: 3.91; cites 14

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53. Tin A, Marten J, [95authors], Kiess W, Kleber ME, Koenig W, Kooner JS, Körner A, Kovacs P, [121authors], Kottgen A. Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. **Nat Genet** 51:1459-74 (2019) IF: 41.38; cites 128

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55. Yu H, Dilbaz S, Cossmann J, Hoang AC, Diedrich V, Herwig A, Harauma A, Hoshi Y, Moriguchi T, Landgraf K, Körner A, Lucas C, Brodesser S, Balogh L, Thuroczy J, Karemore G, Kuefner MS, Park EA, Rapp C, Travers JB, Röszer T. Breast milk alkylglycerols sustain beige adipocytes through adipose tissue macrophages. **J Clin Invest** 129:2485-99 (2019) IF: 19.49; cites 48
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57. Poulain T, Spielau U, Vogel M, Körner A, Kiess W. CoCu: A new short questionnaire to evaluate diet composition and culture of eating in children and adolescents. **Clin Nutr** 38:2858-65 (2019) IF: 7.64; cites 9
58. Bae YJ, Zeidler R, Baber R, Vogel M, Wirkner K, Loeffler M, Ceglarek U, Kiess W, Körner A, Thiery J, Kratzsch J. Reference intervals of nine steroid hormones over the life-span analyzed by LC-MS/MS: Effect of age, gender, puberty, and oral contraceptives. **J Steroid Biochem Mol Biol** 193:105409 (2019) IF: 5.01; cites 32
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75. Käßner F, Sauer T, Penke M, Richter S, Landgraf K, Körner A, Kiess W, Händel N, Garten A. Simvastatin induces apoptosis in PTENhaploinsufficient lipoma cells. **Int J Mol Med** 41 (2018) IF: 5.31; cites 10
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