

Publikationen

1. CARMANN C, LILIENTHAL E, WEIGT-USINGER K, SCHMIDT-CHOUDHURY A, HÖRSTER I, KAYACELEBI AA, BECKMANN B, CHOBANYAN-JÜRGENS K, TSIKAS D, **LÜCKE T**. (2015) The L-arginine/NO pathway, homoarginine, and nitrite-dependent renal carbonic anhydrase activity in young people with type 1 diabetes mellitus. *Amino Acids*. 47(9):1865-74. **IF 3.293**
2. HÖRSTER I, WEIGT-USINGER K, CARMANN C, CHOBANYAN-JÜRGENS K, KÖHLER C, SCHARA U, KAYACELEBI AA, BECKMANN B, TSIKAS D, **LÜCKE T**. (2015) The L-arginine/NO pathway and homoarginine are altered in Duchenne muscular dystrophy and improved by glucocorticoids. *Amino Acids*. 47(9):1853-63. **IF 3.293**
3. SCHNEIDER JY, ROTHMANN S, SCHRÖDER F, LANGEN J, **LÜCKE T**, MARIOTTI F, HUNEAU JF, FRÖLICH JC, TSIKAS D. (2015) Effects of chronic oral L-arginine administration on the L-arginine/NO pathway in patients with peripheral arterial occlusive disease or coronary artery disease: L-Arginine prevents renal loss of nitrite, the major NO reservoir. *Amino Acids*. 47(9):1961-74. **IF 3.293**
4. BUCK A, KAYACELEBI AA, CHOBANYAN-JÜRGENS K, ILLSINGER S, BOHNHORST B, BECKMANN B, HANFF E, DAS AM, TSIKAS D, **LÜCKE T**. (2017) Comprehensive analysis of the L-arginine/L-homoarginine/nitric oxide pathway in preterm neonates: potential roles for homoarginine and asymmetric dimethylarginine in foetal growth. *Amino Acids*. 49(4):783-794. **IF 3.173**
5. GRÜNERT SC, SCHLATTER SM, SCHMITT RN, GEMPERLE-BRITSCHGI C, MRÁZOVÁ L, BALCI MC, BISCHOF F, ÇOKER M, DAS AM, DEMIRKOL M, DE VRIES M, GÖKÇAY G, HÄBERLE J, UÇAR SK, LOTZ-HAVLA AS, **LÜCKE T**, ROLAND D, RUTSCH F, SANTER R, SCHLUNE A, STAUFNER C, SCHWAB KO, MITCHELL GA, SASS JO. (2017) 3-Hydroxy-3-methylglutaryl-coenzyme A lyase deficiency: Clinical presentation and outcome in a series of 37 patients. *Mol Genet Metab*,121(3):206-215. **IF 3.769**
6. LANGROCK C, HEBEBRAND J, RADKOWSKI K, HAMELMANN E, **LÜCKE T**, HOLTSMANN M, LEGENBAUER T, SCHMIDT B, FRANK M, JÖCKEL KH, REINEHR T. (2018) Thyroid Hormone Status in Overweight Children with Attention Deficit/Hyperactivity Disorder. *Horm Res Paediatr*. Jan 10, DOI: 10.1159/000485620. [Epub 2018 Jan 10] PubMed PMID: 29320782. **IF 2.103**
7. REINEHR T, LANGROCK C, HAMELMANN E, **LÜCKE T**, KOERNER-RETTBERG C, HORMANN M, LEGENBAUER T, GEST S, FRANK M, SCHMIDT B, RADKOWSKI K, JÖCKEL KH. (2018) 25-Hydroxvitamin D concentrations are not lower in children with bronchial asthma, atopic dermatitis, obesity, or attention-deficient/hyperactivity disorder than in healthy children. *Nutr Res*. Apr; 52:39-47 DOI: 10.1016/j.nutres.2018.01.002. [Epub ahead of print] Epub 2018 Jan 31; PMID: 29764626. **IF 2.627**
8. TSIKAS D, HANFF E, BOLLENBACH A, KRUGER R, PHAM VV, CHOBANYAN-JÜRGENS K, WIEDEKIND D, ARNDT T, JÖRNS A, BERBÉE JFP, PRINCEN HMG, **LÜCKE T**, MARIOTTI F, HUNEAU JF, ÜCKERT S, FRÖLICH JC, LENZEN S. (2018) Results, meta-analysis and a first evaluation of U_{NO_xR} , the urinary nitrate-to-nitrite molar ratio, as a measure of nitrite reabsorption in experimental and clinical settings. *Amino Acids*. 2018 Jul;50(7):799-821 DOI:10.1007/s00726-018-2573-z. Epub 2018 May 4. **IF 2.520**
9. BENZ K, HAHN P, HANISCH M, LÜCKE K, **LÜCKE T**, JACKOWSKI J. (2019) Systematic review of oral and craniofacial findings in patients with Fabry disease or Pompe disease. *British Journal of Oral & Maxillofacial Surgery* (2019), 831-838 DOI: 10.1016/j.bjoms.2019.07.018. **IF 1.164**

10. JANSEN K, HANUSCH B, PROSS S, HANFF E, DRABERT K, BOLLENBACH A, DUGAVE I, CARMANN C, SIEFEN RG, EMONS B, JUCKEL G, LEGENBAUER T, TSIKAS D, **LÜCKE T**. (2020) Enhanced Nitric Oxide (NO) and Decreased ADMA Synthesis in Pediatric ADHD and Selective Potentiation of NO Synthesis by Methylphenidate. *Journal of Clinical Medicine* 2020, DOI: 10.3390/jcm9010175. **IF 6.780**
11. BRINKMANN F, HANUSCH B, BALLMANN M, MAYORANDAN S, BOLLENBACH A, CHOBANYAN-JÜRGENS K, JANSEN K, SCHMIDT-CHOUDHURY A, DERICHS N, TSIKAS D, **LÜCKE T**. (2020) Activated L-Arginine/Nitric Oxide Pathway in Pediatric Cystic Fibrosis and Its Association with Pancreatic Insufficiency, Liver Involvement and Nourishment: An Overview and New Results. *Journal of Clinical Medicine* 2020, 9(6), 2012, DOI: 10.3390/jcm9062012. **IF 1.29**
12. JANSEN K, TEMPES J, DROZDOWSKA A, GUTMANN M, FALKENSTEIN M, BUYKEN AE, LIBUDA L, RUDOLF H, **LÜCKE T**, KERSTING M. (2020) Short-term effects of carbohydrates differing in glycemic index (GI) consumed at lunch on children's cognitive function in a randomized crossover study. *European Journal of Clinical Nutrition* 2020, 74:757-764, DOI: 10.1038/s41430-020-0600-0. **IF 3.291**
13. KERSTING M, KALHOFF H, VOSS S, JANSEN K, **LÜCKE T**. Translation of EU Food Law and Nutrient Reference Values into practice: the German Dietary Scheme for the first year of life. *JPGN* 2020;71: 550-556. **IF 2.937**
14. PEARSON TS, GILBERT L, OPLADEN T, GARCIA-CAZORLA A, MASTRANGELO M, LEUZZI V, TAY SKH, SYKUT-CEGIELSKA J, PONS R, MERCIMEK-ANDREWS S, KATO M, **LÜCKE T**, OPPEBOEN M, KURIAN MA, STEEL D, MANTI F, MEEKS KD, JELTSCH K, FLINT L. (2020) AADC deficiency from infancy to adulthood: Symptoms and developmental outcome in an international cohort of 63 patients. *Inherit Metab Dis*. 2020;43:1121-1130, DOI: 10.1002/jimd.12247. **IF 4.982**
15. HANUSCH B, BRINKMANN F, MAYORANDAN S, CHOBANYAN-JÜRGENS K, WIEMERS A, JANSEN K, BALLMANN M, SCHMIDT-CHOUDHURY A, BOLLENBACH A, DERICHS N, TSIKAS D, **LÜCKE T**. (2020) Local and Systemic Alterations of the L-Arginine/Nitric Oxide Pathway in Sputum, Blood and Urine of Pediatric Cystic Fibrosis Patients and Effects of Antibiotic Treatment. *J Clin Med*. 2020, 9, 3802, DOI: 10.3390/jcm9123802. **IF 3.303**
16. HÖPPNER, J, STEFF K, MISOF BM, SCHUNDELN MM, HÖVEL M, **LÜCKE T**, GRASEMANN C. (2021) Clinical course in two children with Juvenile Paget's disease during long-term treatment with intravenous bisphosphonates. *Bone Reports* 14 (2021) 100762; DOI: 10.1016/j.bonr.2021.100762 **IF 3.71**
17. YOSHIMI A, GRÜNERT SC, CARIO H, FISCH A, GROSS-WIELTSCH, TIMMERMANN K, KONTNY U, LOBITZ S, ODENTHAL HS, SCHMID I, UETZ B, HÖLL T, RÖTIG A, **LÜCKE T**, BORKHARDT A, STRAUß G, HOHNECKER A, METZLER M, KARALL D, NIEMEYER CM. (2021) Haematological characteristics and spontaneous haematological recovery in Pearson syndrome. *British Journal of Haematology* (2021) DOI: 10.1111/bjh.17434. **IF 6.998**