Thomas LÃ¼cke

List of Publications by Year
in descending order

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107	2,302	186254	265191
papers	citations	28 h-index	42 g-index

118	118	118	3128
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Canavanâ€™s spongiform leukodystrophy (Aspartoacylase deficiency) with emphasis on sonographic features in infancy: description of a case report and review of the literature. Journal of Ultrasound, 2023, 26, 757-764.	1.3	3
2	Erucic acid exposure during the first year of lifeâ€”Scenarios with precise foodâ€based dietary guidelines. Food Science and Nutrition, 2022, 10, 115-121.	3.4	1
3	To Mask or Not to Maskâ€”Evaluation of Cognitive Performance in Children Wearing Face Masks during School Lessons (MasKids). Children, 2022, 9, 95.	1.5	7
4	The role of breastfeeding promotion in German hospitals for exclusive breastfeeding duration. Maternal and Child Nutrition, 2022, , e13326.	3.0	3
5	Homocysteine as a potential indicator of endothelial dysfunction and cardiovascular risk in female patients with borderline personality disorder. Borderline Personality Disorder and Emotion Dysregulation, 2022, 9, 11.	2.6	2
6	Characterization of the L-Arginine/Nitric Oxide Pathway and Oxidative Stress in Pediatric Patients with Atopic Diseases. International Journal of Molecular Sciences, 2022, 23, 2136.	4.1	10
7	Dual guidance structure for evaluation of patients with unclear diagnosis in centers for rare diseases (ZSE-DUO): study protocol for a controlled multi-center cohort study. Orphanet Journal of Rare Diseases, 2022, 17, 47.	2.7	2
8	Altered left ventricular myocardial deformation in young females with Borderline Personality Disorder: an echocardiographic study. Psychosomatic Medicine, 2022, Publish Ahead of Print, .	2.0	1
9	Pulmonary Function and Long-Term Respiratory Symptoms in Children and Adolescents After COVID-19. Frontiers in Pediatrics, 2022, 10, 851008.	1.9	33
10	Long-Term Effects of Drinking Water and Sweetened Beverages on Cognition of Schoolchildren â€“ CogniDROP-II Study. Current Developments in Nutrition, 2022, 6, 811.	0.3	0
11	Relationship of Sleep Duration, Concentration, BMI and Dietary Behavior of European Adolescents â€“ Results From the HELENA-Study. Current Developments in Nutrition, 2022, 6, 792.	0.3	0
12	Diverse Meals As Basis of a Healthy Total Diet for Children in Germany. Current Developments in Nutrition, 2022, 6, 668.	0.3	0
13	Fate of a food nudging intervention during the Corona-pandemic: unexpected shopping ban on a small clinic bistro. European Journal of Clinical Nutrition, 2021, 75, 209-211.	2.9	1
14	Vegetarian Diets in Childrenâ€”Some Thoughts on Restricted Diets and Allergy. International Journal of Clinical Medicine, 2021, 12, 43-60.	0.2	0
15	Breast-feeding promotion in hospitals and prospective breast-feeding rates during the first year of life in two national surveys 1997â€“1998 and 2017â€“2019 in Germany. Public Health Nutrition, 2021, 24, 2411-2423.	2.2	3
16	Haematological characteristics and spontaneous haematological recovery in Pearson syndrome. British Journal of Haematology, 2021, 193, 1283-1287.	2.5	8
17	Intact tactile anisotropy despite altered hand perception in complex regional pain syndrome: rethinking the role of the primary sensory cortex in tactile and perceptual dysfunction. PeerJ, 2021, 9, e11156.	2.0	4
18	Applicability of the German Food Based Dietary Guidelines for Infancy to Estimate Exposure to Substances in Food â€“ The Example of Erucic Acid. Current Developments in Nutrition, 2021, 5, 764.	0.3	1

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19	Clinical course in two children with Juvenile Paget's disease during long-term treatment with intravenous bisphosphonates. Bone Reports, 2021, 14, 100762.	0.4	2
20	Interrelations of Physical Fitness and Cognitive Functions in German Schoolchildren. Children, 2021, 8, 669.	1.5	9
21	Cardiac parasympathetic activity in female patients with borderline personality disorder predicts approach/avoidance behavior towards angry faces. Biological Psychology, 2021, 163, 108146.	2.2	3
22	Assessment of intellectual impairment, healthâ€related quality of life, and behavioral phenotype in patients with neurotransmitter related disorders: Data from the <scp>iNTD</scp> registry. Journal of Inherited Metabolic Disease, 2021, 44, 1489-1502.	3.6	7
23	Insights into the expanding phenotypic spectrum of inherited disorders of biogenic amines. Nature Communications, 2021, 12, 5529.	12.8	21
24	Phoenix from the ashes: dramatic improvement in severe late-onset methylenetetrahydrofolate reductase (MTHFR) deficiency with a complete loss of vision. Journal of Neurology, 2021, , 1.	3.6	2
25	Longitudinal Rise in Seroprevalence of SARS-CoV-2 Infections in Children in Western Germanyâ€”A Blind Spot in Epidemiology?. Infectious Disease Reports, 2021, 13, 957-964.	3.1	17
26	Undercarboxylated Osteocalcin Increases the Dopaminergic Activity of Neuronal Differentiated PC12 Cells In Vitro. Neuropediatrics, 2021, 52, .	0.6	0
27	Impact of lunch with carbohydrates differing in glycemic index on children's cognitive functioning in the late postprandial phase: a randomized crossover study. European Journal of Nutrition, 2021, 61, 1637.	3.9	2
28	Characterization of a universal screening approach for congenital CMV infection based on a highly-sensitive, quantitative, multiplex real-time PCR assay. PLoS ONE, 2020, 15, e0227143.	2.5	19
29	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, 2012.	2.4	7
30	Translation of EU Food Law and Nutrient Reference Values Into Practice. Journal of Pediatric Gastroenterology and Nutrition, 2020, 71, 550-556.	1.8	7
31	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. Journal of Clinical Medicine, 2020, 9, 3802.	2.4	7
32	<scp>AADC</scp> deficiency from infancy to adulthood: Symptoms and developmental outcome in an international cohort of 63 patients. Journal of Inherited Metabolic Disease, 2020, 43, 1121-1130.	3.6	59
33	Short-term effects of carbohydrates differing in glycemic index (GI) consumed at lunch on childrenâ€™s cognitive function in a randomized crossover study. European Journal of Clinical Nutrition, 2020, 74, 757-764.	2.9	11
34	Clinical Manifestation of Juvenile and Pediatric HD Patients: A Retrospective Case Series. Brain Sciences, 2020, 10, 340.	2.3	19
35	Enhanced Nitric Oxide (NO) and Decreased ADMA Synthesis in Pediatric ADHD and Selective Potentiation of NO Synthesis by Methylphenidate. Journal of Clinical Medicine, 2020, 9, 175.	2.4	7
36	Systematic review of oral and craniofacial findings in patients with Fabry disease or Pompe disease. British Journal of Oral and Maxillofacial Surgery, 2019, 57, 831-838.	0.8	8

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37	Novel variants in a patient with late-onset hyperprolinemia type II: diagnostic key for status epilepticus and lactic acidosis. BMC Neurology, 2019, 19, 345.	1.8	6
38	Impact of Hippotherapy on Gross Motor Function and Quality of Life in Children with Bilateral Cerebral Palsy: A Randomized Open-Label Crossover Study. Neuropediatrics, 2018, 49, 185-192.	0.6	31
39	25-Hydroxvitamin D concentrations are not lower in children with bronchial asthma, atopic dermatitis, obesity, or attention-deficient/hyperactivity disorder than in healthy children. Nutrition Research, 2018, 52, 39-47.	2.9	23
40	Thyroid Hormone Status in Overweight Children with Attention Deficit/Hyperactivity Disorder. Hormone Research in Paediatrics, 2018, 89, 150-156.	1.8	5
41	Results, meta-analysis and a first evaluation of UNOxR, the urinary nitrate-to-nitrite molar ratio, as a measure of nitrite reabsorption in experimental and clinical settings. Amino Acids, 2018, 50, 799-821.	2.7	23
42	Cannabinoids for Treatment of Dystonia in Huntingtonâ€™s Disease. Journal of Huntington's Disease, 2018, 7, 167-173.	1.9	33
43	Novel Nonsense Mutation in SLC39A13 Initially Presenting as Myopathy: Case Report and Review of the Literature. Molecular Syndromology, 2018, 9, 100-109.	0.8	16
44	Delayed theory of mind development in children born preterm: A longitudinal study. Early Human Development, 2018, 127, 85-89.	1.8	8
45	P 329. Patients with Juvenile Huntingtonâ€™s Disease Benefit from Early Diagnosis. Neuropediatrics, 2018, 49, .	0.6	0
46	P 235. Short-Term Effects of Lunch with Varying Glycemic Index on Childrenâ€™s Cognitive Functionâ€”CogniDo GI-II. , 2018, 49, .		0
47	FV 969. Transplantation Surgery Used Autologous Transgenic Keratinocyte Cultures Which Regenerated an Entire, Fully Functional Epidermis. Neuropediatrics, 2018, 49, .	0.6	0
48	Simultaneous GC-ECNICI-MS measurement of nitrite, nitrate and creatinine in human urine and plasma in clinical settings. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1047, 207-214.	2.3	34
49	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, 2017, 49, 783-794.	2.7	13
50	3-Hydroxy-3-methylglutaryl-coenzyme A lyase deficiency: Clinical presentation and outcome in a series of 37 patients. Molecular Genetics and Metabolism, 2017, 121, 206-215.	1.1	32
51	Novel homozygous missense mutation in ALDH7A1 causes neonatal pyridoxine dependent epilepsy. Molecular and Cellular Probes, 2017, 32, 18-23.	2.1	11
52	Social Cognition in Children Born Preterm: A Perspective on Future Research Directions. Frontiers in Psychology, 2017, 8, 455.	2.1	31
53	Invitation and a Warm Welcome to the 42nd Annual Meeting of the Society for Neuropediatrics. Neuropediatrics, 2016, 47, 069-069.	0.6	0
54	Antibodies to MOG and AQP4 in children with neuromyelitis optica and limited forms of the disease. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 897-905.	1.9	98

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55	Oligoclonal bands predict multiple sclerosis in children with optic neuritis. Annals of Neurology, 2015, 77, 1076-1082.	5.3	61
56	Atypical Clinical Presentations of TAZ Mutations: An Underdiagnosed Cause of Growth Retardation?. JIMD Reports, 2015, 29, 89-93.	1.5	8
57	CLPB Mutations Cause 3-Methylglutaconic Aciduria, Progressive Brain Atrophy, Intellectual Disability, Congenital Neutropenia, Cataracts, Movement Disorder. American Journal of Human Genetics, 2015, 96, 245-257.	6.2	111
58	Echogenicity of basal ganglia structures in different Huntingtonâ€™s disease phenotypes. Journal of Neural Transmission, 2015, 122, 825-833.	2.8	7
59	Biosynthesis of homoarginine (hArg) and asymmetric dimethylarginine (ADMA) from acutely and chronically administered free l-arginine in humans. Amino Acids, 2015, 47, 1893-1908.	2.7	41
60	The l-arginine/NO pathway and homoarginine are altered in Duchenne muscular dystrophy and improved by glucocorticoids. Amino Acids, 2015, 47, 1853-1863.	2.7	35
61	Lack of IL7RÎ± expression in T cells is a hallmark of T-cell immunodeficiency in Schimke immuno-osseous dysplasia (SIOD). Clinical Immunology, 2015, 161, 355-365.	3.2	22
62	Homoarginine (hArg) and asymmetric dimethylarginine (ADMA) in short stature children without and with growth hormone deficiency: hArg and ADMA are involved differently in growth in the childhood. Amino Acids, 2015, 47, 1875-1883.	2.7	15
63	The l-arginine/NO pathway, homoarginine, and nitrite-dependent renal carbonic anhydrase activity in young people with type 1 diabetes mellitus. Amino Acids, 2015, 47, 1865-1874.	2.7	20
64	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, 2015, 47, 1961-1974.	2.7	29
65	Transcriptional and posttranscriptional mechanisms contribute to the dysregulation of elastogenesis in Schimke immuno-osseous dysplasia. Pediatric Research, 2015, 78, 609-617.	2.3	9
66	Early-onset leukoencephalopathy due to a homozygous missense mutation in the DARS2 gene. Molecular and Cellular Probes, 2015, 29, 319-322.	2.1	14
67	L-Arginine/NO Pathway Is Altered in Children with Haemolytic-Uraemic Syndrome (HUS). Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-9.	4.0	9
68	Long Survival in Leigh Syndrome: New Cases and Review of Literature. Neuropediatrics, 2014, 45, 346-353.	0.6	20
69	Low lysine diet in glutaric aciduria type I â€“ effect on anthropometric and biochemical followâ€up parameters. Journal of Inherited Metabolic Disease, 2013, 36, 525-533.	3.6	29
70	Penetrance of biallelic SMARCAL1 mutations is associated with environmental and genetic disturbances of gene expression. Human Molecular Genetics, 2012, 21, 2572-2587.	2.9	57
71	Reduced elastogenesis: a clue to the arteriosclerosis and emphysematous changes in Schimke immuno-osseous dysplasia?. Orphanet Journal of Rare Diseases, 2012, 7, 70.	2.7	26
72	Increased asymmetric dimethylarginine (ADMA) dimethylaminohydrolase (DDAH) activity in childhood hypercholesterolemia type II. Amino Acids, 2012, 43, 805-811.	2.7	11

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73	Asymmetric dimethylarginine in children with homocystinuria or phenylketonuria. Amino Acids, 2012, 42, 1765-1772.	2.7	21
74	Cyclosporine A: impact on mitochondrial function in endothelial cells. Clinical Transplantation, 2011, 25, 584-593.	1.6	20
75	Variable disease progression after successful stem cell transplantation: Prospective followâ€up investigations in eight patients with Hurler syndrome. Pediatric Transplantation, 2011, 15, 861-869.	1.0	21
76	Energy metabolism in umbilical endothelial cells from preterm and term neonates. Journal of Perinatal Medicine, 2011, 39, 587-93.	1.4	3
77	CNS findings in congenital muscular dystrophy 1A (with laminin alpha-2-deficiency). Translational Neuroscience, 2011, 2, .	1.4	0
78	Schimke immunoosseous dysplasia: defining skeletal features. European Journal of Pediatrics, 2010, 169, 801-811.	2.7	22
79	Use of guidelines improves the neurological outcome in glutaric aciduria type I. Annals of Neurology, 2010, 68, 743-752.	5.3	147
80	Mitochondrial DNA Depletion and Respiratory Chain Activity in Primary Human Subcutaneous Adipocytes Treated with Nucleoside Analogue Reverse Transcriptase Inhibitors. Antimicrobial Agents and Chemotherapy, 2010, 54, 280-287.	3.2	38
81	Preeclampsia and HELLP Syndrome: Impaired Mitochondrial Function in Umbilical Endothelial Cells. Reproductive Sciences, 2010, 17, 219-226.	2.5	37
82	Congenital and Putatively Acquired Forms of Sucraseâ€isomaltase Deficiency in Infancy: Effects of Sacrosidase Therapy. Journal of Pediatric Gastroenterology and Nutrition, 2009, 49, 485-487.	1.8	16
83	Improved outcome with immunosuppressive monotherapy after renal transplantation in Schimkeâ€immunoâ€osseous dysplasia. Pediatric Transplantation, 2009, 13, 482-489.	1.0	13
84	SMARCAL1 Mutations: A Cause of Prepubertal Idiopathic Steroid-resistant Nephrotic Syndrome. Pediatric Research, 2009, 65, 564-568.	2.3	23
85	Neurologic Phenotype of Schimke Immuno-Osseous Dysplasia and Neurodevelopmental Expression of SMARCAL1. Journal of Neuropathology and Experimental Neurology, 2008, 67, 565-577.	1.7	26
86	Elevated asymmetric dimethylarginine (ADMA) and inverse correlation between circulating ADMA and glomerular filtration rate in children with sporadic focal segmental glomerulosclerosis (FSGS). Nephrology Dialysis Transplantation, 2007, 23, 734-740.	0.7	23
87	Decline of Acute Encephalopathic Crises in Children with Glutaryl-CoA Dehydrogenase Deficiency Identified by Newborn Screening in Germany. Pediatric Research, 2007, 62, 357-363.	2.3	102
88	Developmental changes in the L-arginine/nitric oxide pathway from infancy to adulthood: plasma asymmetric dimethylarginine levels decrease with age. Clinical Chemistry and Laboratory Medicine, 2007, 45, 1525-30.	2.3	54
89	Cerebellar atrophy in Schimkeâ€immunoâ€osseous dysplasia. American Journal of Medical Genetics, Part A, 2007, 143A, 2040-2045.	1.2	16
90	Schimke immunoosseous dysplasia: suggestions of genetic diversity. Human Mutation, 2007, 28, 273-283.	2.5	49

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91	Developmental outcome in five children with Hurler syndrome after stem cell transplantation: a pilot study. Developmental Medicine and Child Neurology, 2007, 49, 693-696.	2.1	24
92	Relationship of mitochondrial DNA depletion and respiratory chain activity in preadipocytes treated with nucleoside reverse transcriptase inhibitors. Antiviral Therapy, 2007, 12, 205-16.	1.0	16
93	Relationship of Mitochondrial DNA Depletion and Respiratory Chain Activity in Preadipocytes treated with Nucleoside Reverse Transcriptase Inhibitors. Antiviral Therapy, 2007, 12, 205-216.	1.0	27
94	Elevated plasma concentrations of the endogenous nitric oxide synthase inhibitor asymmetric dimethylarginine in citrullinemia. Metabolism: Clinical and Experimental, 2006, 55, 1599-1603.	3.4	16
95	Pitfalls in paediatric gait disturbances. European Journal of Pediatrics, 2006, 165, 909-912.	2.7	5
96	Schimke Versus Non-Schimke Chronic Kidney Disease: An Anthropometric Approach. Pediatrics, 2006, 118, e400-e407.	2.1	28
97	Schimke immuno-osseous dysplasia: a clinicopathological correlation. Journal of Medical Genetics, 2006, 44, 122-130.	3.2	54
98	Schimke-immuno-osseous dysplasia: New mutation with weak genotype-phenotype correlation in siblings. American Journal of Medical Genetics, Part A, 2005, 135A, 202-205.	1.2	28
99	Association of migraine-like headaches with Schimke immuno-osseous dysplasia. American Journal of Medical Genetics, Part A, 2005, 135A, 206-210.	1.2	29
100	Mitochondrial Function in Schimke-Immunoosseous Dysplasia. Metabolic Brain Disease, 2005, 20, 237-242.	2.9	6
101	Neurodevelopmental outcome and haematological course of a longâ€time survivor with homozygous alphaâ€thalassaemia: Case report and review of the literature. Acta Paediatrica, International Journal of Paediatrics, 2005, 94, 1330-1333.	1.5	34
102	Generalized atherosclerosis sparing the transplanted kidney in Schimke disease. Pediatric Nephrology, 2004, 19, 672-675.	1.7	34
103	Fabry disease: reduced activities of respiratory chain enzymes with decreased levels of energy-rich phosphates in fibroblasts. Molecular Genetics and Metabolism, 2004, 82, 93-97.	1.1	90
104	Propionic acidemia: unusual course with late onset and fatal outcome. Metabolism: Clinical and Experimental, 2004, 53, 809-810.	3.4	40
105	BH4-sensitive hyperphenylalaninemia. Pediatric Neurology, 2003, 28, 228-230.	2.1	8
106	Altered levels of high-energy phosphate compoundsin fibroblasts from different forms of neuronal Paediatric Neurology, 2001, 5, 143-146.	1.6	17
107	Crossâ€Sectional Association Between Level of School Sports and Different Cognitive Parameters in Schoolchildren, Considering Multiple Covariates. Mind, Brain, and Education, 0, , .	1.9	2