Max Christoph Liebau

List of Publications by Year
in descending order

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Version: 2024-02-01

86 papers	2,844 citations	218381 26 h-index	189595 50 g-index
107 all docs	107 docs citations	107 times ranked	4214 citing authors

#	Article	IF	Citations
1	Exome Capture Reveals ZNF423 and CEP164 Mutations, Linking Renal Ciliopathies to DNA Damage Response Signaling. Cell, 2012, 150, 533-548.	13.5	347
2	PDZD7 is a modifier of retinal disease and a contributor to digenic Usher syndrome. Journal of Clinical Investigation, 2010, 120, 1812-1823.	3.9	203
3	Mutations in KIF7 link Joubert syndrome with Sonic Hedgehog signaling and microtubule dynamics. Journal of Clinical Investigation, 2011, 121, 2662-2667.	3.9	173
4	NPHP4, a cilia-associated protein, negatively regulates the Hippo pathway. Journal of Cell Biology, 2011, 193, 633-642.	2.3	142
5	Consensus Expert Recommendations for the Diagnosis and Management of Autosomal Recessive Polycystic Kidney Disease: Report of an International Conference. Journal of Pediatrics, 2014, 165, 611-617.	0.9	138
6	Functional expression of the renin-angiotensin system in human podocytes. American Journal of Physiology - Renal Physiology, 2006, 290, F710-F719.	1.3	117
7	A molecular mechanism explaining albuminuria in kidney disease. Nature Metabolism, 2020, 2, 461-474.	5.1	99
8	Dysregulated Autophagy Contributes to Podocyte Damage in Fabryâ€™s Disease. PLoS ONE, 2013, 8, e63506.	1.1	97
9	A multicenter, randomized, placebo-controlled, double-blind phase 3 trial with open-arm comparison indicates safety and efficacy of nephroprotective therapy with ramipril in children with Alportâ€™s syndrome. Kidney International, 2020, 97, 1275-1286.	2.6	94
10	International consensus statement on the diagnosis and management of autosomal dominant polycystic kidney disease in children and young people. Nature Reviews Nephrology, 2019, 15, 713-726.	4.1	86
11	Imaging of Kidney Cysts and Cystic Kidney Diseases in Children: An International Working Group Consensus Statement. Radiology, 2019, 290, 769-782.	3.6	69
12	Perinatal Diagnosis, Management, and Follow-up of Cystic Renal Diseases. JAMA Pediatrics, 2018, 172, 74.	3.3	64
13	AATF/Che-1 acts as a phosphorylation-dependent molecular modulator to repress p53-driven apoptosis. EMBO Journal, 2012, 31, 3961-3975.	3.5	53
14	Clinical courses and complications of young adults with Autosomal Recessive Polycystic Kidney Disease (ARPKD). Scientific Reports, 2019, 9, 7919.	1.6	50
15	The Ciliary Protein Nephrocystin-4 Translocates the Canonical Wnt Regulator Jade-1 to the Nucleus to Negatively Regulate Î²-Catenin Signaling. Journal of Biological Chemistry, 2012, 287, 25370-25380.	1.6	49
16	Single-nephron proteomes connect morphology and function in proteinuric kidney disease. Kidney International, 2018, 93, 1308-1319.	2.6	49
17	Rationale, design and objectives of ARegPKD, a European ARPKD registry study. BMC Nephrology, 2015, 16, 22.	0.8	46
18	The Centrosomal Kinase Plk1 Localizes to the Transition Zone of Primary Cilia and Induces Phosphorylation of Nephrocystin-1. PLoS ONE, 2012, 7, e38838.	1.1	44

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19	Low levels of urinary epidermal growth factorÂpredict chronic kidney disease progressionÂin children. Kidney International, 2019, 96, 214-221.	2.6	43
20	Mycophenolate Mofetil Therapy in Children With Idiopathic Nephrotic Syndrome. Therapeutic Drug Monitoring, 2016, 38, 274-279.	1.0	41
21	Risk Factors for Early Dialysis Dependency in Autosomal Recessive Polycystic Kidney Disease. Journal of Pediatrics, 2018, 199, 22-28.e6.	0.9	39
22	Refining genotypeâ€“phenotype correlations in 304 patients with autosomal recessive polycystic kidney disease and PKHD1 gene variants. Kidney International, 2021, 100, 650-659.	2.6	38
23	Conditional loss of kidney microRNAs results in congenital anomalies of the kidney and urinary tract (CAKUT). Journal of Molecular Medicine, 2013, 91, 739-748.	1.7	37
24	Ciliopathies - from rare inherited cystic kidney diseases to basic cellular function. Molecular and Cellular Pediatrics, 2015, 2, 8.	1.0	37
25	Intermediate Follow-up of Pediatric Patients With Hemolytic Uremic Syndrome During the 2011 Outbreak Caused by E. coli O104:H4. Clinical Infectious Diseases, 2017, 64, 1637-1643.	2.9	35
26	Looking at the (w)hole: magnet resonance imaging in polycystic kidney disease. Pediatric Nephrology, 2013, 28, 1771-1783.	0.9	33
27	Enzyme Replacement Therapy Clears Gb3 Deposits from a Podocyte Cell Culture Model of Fabry Disease but Fails to Restore Altered Cellular Signaling. Cellular Physiology and Biochemistry, 2019, 52, 1139-1150.	1.1	28
28	Definition, diagnosis and management of fetal lower urinary tract obstruction: consensus of the ERKNet CAKUT-Obstructive Uropathy Work Group. Nature Reviews Urology, 2022, 19, 295-303.	1.9	27
29	Mycophenolate mofetil following glucocorticoid treatment in Henoch-SchÃ¶nlein purpura nephritis: the role of early initiation and therapeutic drug monitoring. Pediatric Nephrology, 2018, 33, 619-629.	0.9	24
30	mTOR-Activating Mutations in RRAGD Are Causative for Kidney Tubulopathy and Cardiomyopathy. Journal of the American Society of Nephrology: JASN, 2021, 32, 2885-2899.	3.0	24
31	Molecular causes of congenital anomalies of the kidney and urinary tract (CAKUT). Molecular and Cellular Pediatrics, 2021, 8, 2.	1.0	23
32	Nephrocystin-4 Regulates Pyk2-induced Tyrosine Phosphorylation of Nephrocystin-1 to Control Targeting to Monocilia. Journal of Biological Chemistry, 2011, 286, 14237-14245.	1.6	22
33	Protection of Human Podocytes from Shiga Toxin 2-Induced Phosphorylation of Mitogen-Activated Protein Kinases and Apoptosis by Human Serum Amyloid P Component. Infection and Immunity, 2014, 82, 1872-1879.	1.0	22
34	Targeted deletion of the AAA-ATPase Ruvbl1 in mice disrupts ciliary integrity and causes renal disease and hydrocephalus. Experimental and Molecular Medicine, 2018, 50, 1-17.	3.2	22
35	Cliniciansâ€™ attitude towards family planning and timing of diagnosis in autosomal dominant polycystic kidney disease. PLoS ONE, 2017, 12, e0185779.	1.1	21
36	ADPedKD: A Global Online Platform on the Management of Children With ADPKD. Kidney International Reports, 2019, 4, 1271-1284.	0.4	20

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37	Dealing with the incidental finding of secondary variants by the example of SRNS patients undergoing targeted next-generation sequencing. Pediatric Nephrology, 2016, 31, 73-81.	0.9	19
38	Disorders of fatty acid oxidation and autosomal recessive polycystic kidney diseaseâ€"different clinical entities and comparable perinatal renal abnormalities. Pediatric Nephrology, 2017, 32, 791-800.	0.9	19
39	Expanding the role of vasopressin antagonism in polycystic kidney diseases: From adults to children?. Pediatric Nephrology, 2018, 33, 395-408.	0.9	19
40	Network for Early Onset Cystic Kidney Diseasesâ€"A Comprehensive Multidisciplinary Approach to Hereditary Cystic Kidney Diseases in Childhood. Frontiers in Pediatrics, 2018, 6, 24.	0.9	19
41	Upregulation of Id-1 via BMP-2 receptors induces reactive oxygen species in podocytes. American Journal of Physiology - Renal Physiology, 2006, 291, F654-F662.	1.3	18
42	STAT signaling in polycystic kidney disease. Cellular Signalling, 2020, 72, 109639.	1.7	17
43	Altered molecular signatures during kidney development after intrauterine growth restriction of different origins. Journal of Molecular Medicine, 2020, 98, 395-407.	1.7	17
44	Challenges in establishing genotypeâ€"phenotype correlations in ARPKD: case report on a toddler with two severe PKHD1 mutations. Pediatric Nephrology, 2017, 32, 1269-1273.	0.9	16
45	Unmet needs and challenges for follow-up and treatment of autosomal dominant polycystic kidney disease: the paediatric perspective. CKJ: Clinical Kidney Journal, 2018, 11, i14-i26.	1.4	16
46	Gastrostomy Tube Insertion in Pediatric Patients With Autosomal Recessive Polycystic Kidney Disease (ARPKD): Current Practice. Frontiers in Pediatrics, 2018, 6, 164.	0.9	16
47	Recent Progress of the ARegPKD Registry Study on Autosomal Recessive Polycystic Kidney Disease. Frontiers in Pediatrics, 2017, 5, 18.	0.9	15
48	Severe neurological outcomes after very early bilateral nephrectomies in patients with autosomal recessive polycystic kidney disease (ARPKD). Scientific Reports, 2020, 10, 16025.	1.6	14
49	Early clinical management of autosomal recessive polycystic kidney disease. Pediatric Nephrology, 2021, 36, 3561-3570.	0.9	14
50	ILâ€6/Smad2 signaling mediates acute kidney injury and regeneration in a murine model of neonatal hyperoxia. FASEB Journal, 2019, 33, 5887-5902.	0.2	13
51	Bicarbonate buffered peritoneal dialysis fluid upregulates angiopoietin-1 and promotes vessel maturation. PLoS ONE, 2017, 12, e0189903.	1.1	13
52	Dominant SCN2A Mutation Causes Familial Episodic Ataxia and Impairment of Speech Development. Neuropediatrics, 2018, 49, 379-384.	0.3	12
53	Metabolic Changes in Polycystic Kidney Disease as a Potential Target for Systemic Treatment. International Journal of Molecular Sciences, 2020, 21, 6093.	1.8	12
54	Early childhood height-adjusted total kidney volume as a risk marker of kidney survival in ARPKD. Scientific Reports, 2021, 11, 21677.	1.6	12

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55	The carboxyâ€terminus of the human ARPKD protein fibrocystin can control STAT3 signalling by regulating SRCâ€activation. Journal of Cellular and Molecular Medicine, 2020, 24, 14633-14638.	1.6	10
56	L1CAM mutation in a boy with hydrocephalus and duplex kidneys. Pediatric Nephrology, 2007, 22, 1058-1061.	0.9	9
57	An Emerging Molecular Understanding and Novel Targeted Treatment Approaches in Pediatric Kidney Diseases. Frontiers in Pediatrics, 2014, 2, 68.	0.9	9
58	Maintenance Peritoneal Dialysis in Children With Autosomal Recessive Polycystic Kidney Disease: A Comparative Cohort Study of the International Pediatric Peritoneal Dialysis Network Registry. American Journal of Kidney Diseases, 2020, 75, 460-464.	2.1	8
59	Phenotypic Variability in Siblings With Autosomal Recessive Polycystic Kidney Disease. Kidney International Reports, 2022, 7, 1643-1652.	0.4	6
60	Definition, diagnosis and clinical management of non-obstructive kidney dysplasia: a consensus statement by the ERKNet Working Group on Kidney Malformations. Nephrology Dialysis Transplantation, 2022, 37, 2351-2362.	0.4	6
61	A case report on the exceptional coincidence of two inherited renal disorders: ADPKD and Alport syndrome. Clinical Nephrology, 2017, 88, 45-51.	0.4	5
62	A defect in molybdenum cofactor binding causes an attenuated form of sulfite oxidase deficiency. Journal of Inherited Metabolic Disease, 2022, 45, 169-182.	1.7	5
63	Primary URECs: a source to better understand the pathology of renal tubular epithelia in pediatric hereditary cystic kidney diseases. Orphanet Journal of Rare Diseases, 2022, 17, 122.	1.2	5
64	Targeted deletion of Ruvbl1 results in severe defects of epidermal development and perinatal mortality. Molecular and Cellular Pediatrics, 2021, 8, 1.	1.0	3
65	Systematic review on outcomes used in clinical research on autosomal recessive polycystic kidney diseaseâ€"are patient-centered outcomes our blind spot?. Pediatric Nephrology, 2021, 36, 3841-3851.	0.9	3
66	PDZD7 is a modifier of retinal disease and a contributor to digenic Usher syndrome. Journal of Clinical Investigation, 2011, 121, 821-821.	3.9	3
67	Occurrence of Portal Hypertension and Its Clinical Course in Patients With Molecularly Confirmed Autosomal Recessive Polycystic Kidney Disease (ARPKD). Frontiers in Pediatrics, 2020, 8, 591379.	0.9	2
68	Toxigenic Corynebacterium diphtheriaeâ€"Associated Genital Ulceration. Emerging Infectious Diseases, 2020, 26, 2180-2181.	2.0	2
69	Implications of early diagnosis of autosomal dominant polycystic kidney disease: A post hoc analysis of the TEMPO 3:4 trial. Scientific Reports, 2020, 10, 4294.	1.6	2
70	Polycystic Kidney Disease: ADPKD and ARPKD. , 2016, , 333-367.		2
71	Aktuelle Forschung auf dem Gebiet der seltenen Nierenerkrankungen am Beispiel der Autosomal Rezessiven Polyzystischen Nierenerkrankung. Nieren- Und Hochdruckkrankheiten, 2016, 45, 425-431.	0.0	2
72	Translational research approaches to study pediatric polycystic kidney disease. Molecular and Cellular Pediatrics, 2021, 8, 20.	1.0	2

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73	Quiz Page December 2016. American Journal of Kidney Diseases, 2016, 68, A18-A21.	2.1	1
74	Editorial: Genetic Kidney Diseases of Childhood. Frontiers in Pediatrics, 2018, 6, 409.	0.9	1
75	Autosomal Recessive Polycystic Kidney Diseases. , 2021, , 1-16.		1
76	Is There a Functional Role of Mitochondrial Dysfunction in the Pathogenesis of ARPKD?. Frontiers in Medicine, 2021, 8, 739534.	1.2	1
77	Erbliche Zystennierenerkrankungen: Autosomal-dominante und autosomal-rezessive polyzystische Nierenerkrankung (ADPKD und ARPKD). Medizinische Genetik, 2018, 30, 422-428.	0.1	0
78	FP775CHILDREN WITH HOMOZYGOUS FAMILIAL HYPERCHOLESTEROLEMIA (FH) ON LIPOPROTEIN APHERESIS â^' A FOUR YEAR FOLLOWâ^'UP. Nephrology Dialysis Transplantation, 2018, 33, i306-i307.	0.4	0
79	ATRT-07. TARGETING PRIMARY CILIOGENESIS IN ATYPICAL TERATOID/RHABDOID TUMORS. Neuro-Oncology, 2019, 21, ii64-ii64.	0.6	0
80	Arterial Hypertension in a 10-Year-Old Girl. American Journal of Kidney Diseases, 2021, 77, A11-A13.	2.1	0
81	MO1005ADPEDKD: A GLOBAL ONLINE PLATFORM TO EXPLORE THE CHILDHOOD PHENOTYPE OF AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE*. Nephrology Dialysis Transplantation, 2021, 36, .	0.4	0
82	MO001THE EUROPEAN DRTA REGISTRY: AN INITIAL DATA ANALYSIS*. Nephrology Dialysis Transplantation, 2021, 36, .	0.4	0
83	Atypical Alport syndrome associated with a novel COL4A5 mutation. Clinical Nephrology, 2009, 71, 321-325.	0.4	0
84	Algorithmen zu syndromalen und ziliÃren Erkrankungen. , 2017, , 299-301.		0
85	Syndromale und ziliÃre Erkrankungen1. , 2017, , 151-167.		0
86	Autosomal Recessive Polycystic Kidney Disease. , 2022, , 1-16.		0