Max Christoph Liebau

List of Publications by Citations

91 papers	2,005 citations	25 h-index	43 g-index
107 ext. papers	2,523 ext. citations	5.2 avg, IF	4.36 L-index

#	Paper	IF	Citations
91	Exome capture reveals ZNF423 and CEP164 mutations, linking renal ciliopathies to DNA damage response signaling. *Cell*, **2012**, 150, 533-48	56.2	266
90	PDZD7 is a modifier of retinal disease and a contributor to digenic Usher syndrome. *Journal of Clinical Investigation*, **2010**, 120, 1812-23	15.9	168
89	Mutations in KIF7 link Joubert syndrome with Sonic Hedgehog signaling and microtubule dynamics. *Journal of Clinical Investigation*, **2011**, 121, 2662-7	15.9	132
88	NPHP4, a cilia-associated protein, negatively regulates the Hippo pathway. *Journal of Cell Biology*, **2011**, 193, 633-42	7.3	116
87	Consensus expert recommendations for the diagnosis and management of autosomal recessive polycystic kidney disease: report of an international conference. *Journal of Pediatrics*, **2014**, 165, 611-7	3.6	99
86	Functional expression of the renin-angiotensin system in human podocytes. *American Journal of Physiology - Renal Physiology*, **2006**, 290, F710-9	4.3	98
85	Dysregulated autophagy contributes to podocyte damage in Fabry's disease. *PLoS ONE*, **2013**, 8, e63506	3.7	79
84	ATRT-07. TARGETING PRIMARY CILIOGENESIS IN ATYPICAL TERATOID/RHABDOID TUMORS. *Neuro-Oncology*, **2019**, 21, ii64-ii64	1	78
83	AATF/Che-1 acts as a phosphorylation-dependent molecular modulator to repress p53-driven apoptosis. *EMBO Journal*, **2012**, 31, 3961-75	13	46
82	Imaging of Kidney Cysts and Cystic Kidney Diseases in Children: An International Working Group Consensus Statement. *Radiology*, **2019**, 290, 769-782	20.5	45
81	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 Alport's syndrome. *Kidney International*, **2020**, 97, 1275-1286	9.9	40
80	Perinatal Diagnosis, Management, and Follow-up of Cystic Renal Diseases: A Clinical Practice Recommendation With Systematic Literature Reviews. *JAMA Pediatrics*, **2018**, 172, 74-86	8.3	40
79	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	14.9	37
78	The centrosomal kinase Plk1 localizes to the transition zone of primary cilia and induces phosphorylation of nephrocystin-1. *PLoS ONE*, **2012**, 7, e38838	3.7	37
77	The ciliary protein nephrocystin-4 translocates the canonical Wnt regulator Jade-1 to the nucleus to negatively regulate β-catenin signaling. *Journal of Biological Chemistry*, **2012**, 287, 25370-80	5.4	36
76	A molecular mechanism explaining albuminuria in kidney disease. *Nature Metabolism*, **2020**, 2, 461-474	14.6	35
75	Clinical courses and complications of young adults with Autosomal Recessive Polycystic Kidney Disease (ARPKD). *Scientific Reports*, **2019**, 9, 7919	4.9	34

74	Rationale, design and objectives of ARegPKD, a European ARPKD registry study. *BMC Nephrology*, **2015**, 16, 22	2.7	33
73	Single-nephron proteomes connect morphology and function in proteinuric kidney disease. *Kidney International*, **2018**, 93, 1308-1319	9.9	32
72	Ciliopathies - from rare inherited cystic kidney diseases to basic cellular function. *Molecular and Cellular Pediatrics*, **2015**, 2, 8	3.3	30
71	Mycophenolate Mofetil Therapy in Children With Idiopathic Nephrotic Syndrome: Does Therapeutic Drug Monitoring Make a Difference?. *Therapeutic Drug Monitoring*, **2016**, 38, 274-9	3.2	30
70	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	11.6	29
69	Conditional loss of kidney microRNAs results in congenital anomalies of the kidney and urinary tract (CAKUT). *Journal of Molecular Medicine*, **2013**, 91, 739-48	5.5	29
68	Risk Factors for Early Dialysis Dependency in Autosomal Recessive Polycystic Kidney Disease. *Journal of Pediatrics*, **2018**, 199, 22-28.e6	3.6	28
67	Looking at the (w)hole: magnet resonance imaging in polycystic kidney disease. *Pediatric Nephrology*, **2013**, 28, 1771-83	3.2	25
66	Low levels of urinary epidermal growth factor predict chronic kidney disease progression in children. *Kidney International*, **2019**, 96, 214-221	9.9	23
65	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	3.2	19
64	Nephrocystin-4 regulates Pyk2-induced tyrosine phosphorylation of nephrocystin-1 to control targeting to monocilia. *Journal of Biological Chemistry*, **2011**, 286, 14237-45	5.4	19
63	CliniciansSattitude towards family planning and timing of diagnosis in autosomal dominant polycystic kidney disease. *PLoS ONE*, **2017**, 12, e0185779	3.7	19
62	Mycophenolate mofetil following glucocorticoid treatment in Henoch-Schlein purpura nephritis: the role of early initiation and therapeutic drug monitoring. *Pediatric Nephrology*, **2018**, 33, 619-629	3.2	17
61	Disorders of fatty acid oxidation and autosomal recessive polycystic kidney disease-different clinical entities and comparable perinatal renal abnormalities. *Pediatric Nephrology*, **2017**, 32, 791-800	3.2	16
60	Upregulation of Id-1 via BMP-2 receptors induces reactive oxygen species in podocytes. *American Journal of Physiology - Renal Physiology*, **2006**, 291, F654-62	4.3	16
59	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, 1872-9	3.7	15
58	Challenges in establishing genotype-phenotype correlations in ARPKD: case report on a toddler with two severe PKHD1 mutations. *Pediatric Nephrology*, **2017**, 32, 1269-1273	3.2	14
57	Network for Early Onset Cystic Kidney Diseases-A Comprehensive Multidisciplinary Approach to Hereditary Cystic Kidney Diseases in Childhood. *Frontiers in Pediatrics*, **2018**, 6, 24	3.4	14

56	Gastrostomy Tube Insertion in Pediatric Patients With Autosomal Recessive Polycystic Kidney Disease (ARPKD): Current Practice. *Frontiers in Pediatrics*, **2018**, 6, 164	3.4	14
55	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	12.8	13
54	ADPedKD: A Global Online Platform on the Management of Children With ADPKD. *Kidney International Reports*, **2019**, 4, 1271-1284	4.1	12
53	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	3.9	12
52	Recent Progress of the ARegPKD Registry Study on Autosomal Recessive Polycystic Kidney Disease. *Frontiers in Pediatrics*, **2017**, 5, 18	3.4	11
51	Expanding the role of vasopressin antagonism in polycystic kidney diseases: From adults to children?. *Pediatric Nephrology*, **2018**, 33, 395-408	3.2	10
50	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	4.5	10
49	Altered molecular signatures during kidney development after intrauterine growth restriction of different origins. *Journal of Molecular Medicine*, **2020**, 98, 395-407	5.5	9
48	Metabolic Changes in Polycystic Kidney Disease as a Potential Target for Systemic Treatment. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	9
47	Dominant SCN2A Mutation Causes Familial Episodic Ataxia and Impairment of Speech Development. *Neuropediatrics*, **2018**, 49, 379-384	1.6	9
46	Refining genotype-phenotype correlations in 304 patients with autosomal recessive polycystic kidney disease and PKHD1 gene variants. *Kidney International*, **2021**, 100, 650-659	9.9	9
45	An emerging molecular understanding and novel targeted treatment approaches in pediatric kidney diseases. *Frontiers in Pediatrics*, **2014**, 2, 68	3.4	8
44	Severe neurological outcomes after very early bilateral nephrectomies in patients with autosomal recessive polycystic kidney disease (ARPKD). *Scientific Reports*, **2020**, 10, 16025	4.9	8
43	IL-6/Smad2 signaling mediates acute kidney injury and regeneration in a murine model of neonatal hyperoxia. *FASEB Journal*, **2019**, 33, 5887-5902	0.9	7
42	STAT signaling in polycystic kidney disease. *Cellular Signalling*, **2020**, 72, 109639	4.9	7
41	L1CAM mutation in a boy with hydrocephalus and duplex kidneys. *Pediatric Nephrology*, **2007**, 22, 1058-61	3.2	7
40	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	7.4	6
39	Autosomal-rezessive polyzystische Nierenerkrankung. *Der Nephrologe*, **2014**, 9, 312-318	0.1	5

38	Bicarbonate buffered peritoneal dialysis fluid upregulates angiopoietin-1 and promotes vessel maturation. *PLoS ONE*, **2017**, 12, e0189903	3.7	5
37	Molecular causes of congenital anomalies of the kidney and urinary tract (CAKUT). *Molecular and Cellular Pediatrics*, **2021**, 8, 2	3.3	5
36	Early clinical management of autosomal recessive polycystic kidney disease. *Pediatric Nephrology*, **2021**, 36, 3561-3570	3.2	4
35	The carboxy-terminus of the human ARPKD protein fibrocystin can control STAT3 signalling by regulating SRC-activation. *Journal of Cellular and Molecular Medicine*, **2020**, 24, 14633-14638	5.6	3
34	Early childhood height-adjusted total kidney volume as a risk marker of kidney survival in ARPKD. *Scientific Reports*, **2021**, 11, 21677	4.9	3
33	A case report on the exceptional coincidence of two inherited renal disorders: ADPKD and Alport syndrome?. *Clinical Nephrology*, **2017**, 88, 45-51	2.1	3
32	mTOR-Activating Mutations in Are Causative for Kidney Tubulopathy and Cardiomyopathy. *Journal of the American Society of Nephrology: JASN*, **2021**, 32, 2885-2899	12.7	3
31	PDZD7 is a modifier of retinal disease and a contributor to digenic Usher syndrome. *Journal of Clinical Investigation*, **2011**, 121, 821-821	15.9	2
30	A defect in molybdenum cofactor binding causes an attenuated form of sulfite oxidase deficiency. *Journal of Inherited Metabolic Disease*, **2021**,	5.4	2
29	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	4.9	1
28	Quiz Page December 2016: Anuria on the Second Day Following Kidney Transplantation. *American Journal of Kidney Diseases*, **2016**, 68, A18-A21	7.4	1
27	Management von Ziliopathien im Kindes- und Jugendalter. *Der Nephrologe*, **2019**, 14, 192-198	0.1	1
26	Proteinurie im Kindesalter. *Monatsschrift Fur Kinderheilkunde*, **2017**, 165, 727-736	0.2	1
25	Polycystic Kidney Disease: ADPKD and ARPKD **2016**, 333-367		1
24	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	3.4	1
23	Toxigenic Corynebacterium diphtheriae-Associated Genital Ulceration. *Emerging Infectious Diseases*, **2020**, 26, 2180-2181	10.2	0
22	Systematic review on outcomes used in clinical research on autosomal recessive polycystic kidney disease-are patient-centered outcomes our blind spot?. *Pediatric Nephrology*, **2020**, 36, 3841-3851	3.2	0
21	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	4.2	0

20	Translational research approaches to study pediatric polycystic kidney disease. *Molecular and Cellular Pediatrics*, **2021**, 8, 20	3.3	0
19	Zystennieren im Kindesalter. *Monatsschrift Fur Kinderheilkunde*, **2015**, 163, 343-351	0.2	
18	Nieren aus der Petrischale. *Der Nephrologe*, **2016**, 11, 66-67	0.1	
17	Kidney Week 2016. *Der Nephrologe*, **2017**, 12, 45-48	0.1	
16	Nephrologische Labordiagnostik. *Monatsschrift Fur Kinderheilkunde*, **2017**, 165, 581-587	0.2	
15	Nephrotisches Syndrom. *Der Nephrologe*, **2009**, 4, 453-467	0.1	
14	Bauchschmerzen, Erbrechen und Diarrh *Monatsschrift Fur Kinderheilkunde*, **2009**, 157, 108-112	0.2	
13	Autosomal-rezessive polyzystische Nierenerkrankung (ARPKD). *Der Nephrologe*,1	0.1	
12	Autosomal Recessive Polycystic Kidney Disease **2022**, 1-16		
11	Is There a Functional Role of Mitochondrial Dysfunction in the Pathogenesis of ARPKD?. *Frontiers in Medicine*, **2021**, 8, 739534	4.9	
10	Syndromale und zili e Erkrankungen1 **2017**, 151-167		
9	Atypical Alport syndrome associated with a novel COL4A5 mutation. *Clinical Nephrology*, **2009**, 71, 321-52.1		
8	Arterial Hypertension in a 10-Year-Old Girl. *American Journal of Kidney Diseases*, **2021**, 77, A11-A13	7.4	
7	Autosomal Recessive Polycystic Kidney Diseases **2021**, 1-16		
6	Targeted deletion of Ruvbl1 results in severe defects of epidermal development and perinatal mortality. *Molecular and Cellular Pediatrics*, **2021**, 8, 1	3.3	
5	Autosomal-dominante polyzystische NierenerkrankungManagement im Kindes- und Jugendalter. *Kinder- Und Jugendmedizin*, **2021**, 21, 36-42	0	
4	Erbliche Zystennierenerkrankungen: Autosomal-dominante und autosomal-rezessive polyzystische Nierenerkrankung (ADPKD und ARPKD). *Medizinische Genetik*, **2018**, 30, 422-428	0.5	
3	FP775CHILDREN WITH HOMOZYGOUS FAMILIAL HYPERCHOLESTEROLEMIA (FH) ON LIPOPROTEIN APHERESIS A FOUR YEAR FOLLOWUP. *Nephrology Dialysis Transplantation*, **2018**, 33, i306-i307	4.3	

2	Handlungsempfehlung nach der S2k-Leitlinie Nierenzysten und zystische Nierenerkrankungen bei Kindern *Monatsschrift Fur Kinderheilkunde*,1	O.2
1	Studientagung der Gesellschaft f P diatrische Nephrologie Grundlage innovativer Forschung. *Der Nephrologe*, **2022**, 17, 175-183	O.1