Maren Leifheit-Nestler

List of Publications by Citations

46 papers	1,473 citations	21 h-index	38 g-index
52 ext. papers	1,770 ext. citations	5.3 avg, IF	4.65 L-index

#	Paper	IF	Citations
46	Activation of Cardiac Fibroblast Growth Factor Receptor 4 Causes Left Ventricular Hypertrophy. *Cell Metabolism*, **2015**, 22, 1020-32	24.6	345
45	Induction of cardiac FGF23/FGFR4 expression is associated with left ventricular hypertrophy in patients with chronic kidney disease. *Nephrology Dialysis Transplantation*, **2016**, 31, 1088-99	4.3	137
44	Leptin enhances the recruitment of endothelial progenitor cells into neointimal lesions after vascular injury by promoting integrin-mediated adhesion. *Circulation Research*, **2008**, 103, 536-44	15.7	87
43	Leptin enhances the potency of circulating angiogenic cells via src kinase and integrin (alpha)vbeta5: implications for angiogenesis in human obesity. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 200-6	9.4	63
42	Vitamin D treatment attenuates cardiac FGF23/FGFR4 signaling and hypertrophy in uremic rats. *Nephrology Dialysis Transplantation*, **2017**, 32, 1493-1503	4.3	58
41	Fibroblast growth factor 23 is induced by an activated renin-angiotensin-aldosterone system in cardiac myocytes and promotes the pro-fibrotic crosstalk between cardiac myocytes and fibroblasts. *Nephrology Dialysis Transplantation*, **2018**, 33, 1722-1734	4.3	56
40	Klotho modulates FGF23-mediated NO synthesis and oxidative stress in human coronary artery endothelial cells. *Pflugers Archiv European Journal of Physiology*, **2016**, 468, 1621-35	4.6	52
39	Leptin-dependent and leptin-independent paracrine effects of perivascular adipose tissue on neointima formation. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 980-7	9.4	51
38	Effects of obesity and weight loss on the functional properties of early outgrowth endothelial progenitor cells. *Journal of the American College of Cardiology*, **2010**, 55, 357-67	15.1	50
37	FGF23-Mediated Activation of Local RAAS Promotes Cardiac Hypertrophy and Fibrosis. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	46
36	Paracrine Effects of FGF23 on the Heart. *Frontiers in Endocrinology*, **2018**, 9, 278	5.7	45
35	Fibroblast growth factor 23 signaling in hippocampal cells: impact on neuronal morphology and synaptic density. *Journal of Neurochemistry*, **2016**, 137, 756-69	6	41
34	Molecular and cellular effects of cis-9, trans-11-conjugated linoleic acid in enterocytes: effects on proliferation, differentiation, and gene expression. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2005**, 1735, 30-40	5	40
33	Leptin promotes the mobilization of vascular progenitor cells and neovascularization by NOX2-mediated activation of MMP9. *Cardiovascular Research*, **2012**, 93, 170-80	9.9	37
32	Leptin signalling and leptin-mediated activation of human platelets: Importance of JAK2 and the phospholipases C□ and A2. *Thrombosis and Haemostasis*, **2007**, 98, 1063-1071	7	34
31	Importance of leptin signaling and signal transducer and activator of transcription-3 activation in mediating the cardiac hypertrophy associated with obesity. *Journal of Translational Medicine*, **2013**, 11, 170	8.5	32
30	Overexpression of integrin beta 5 enhances the paracrine properties of circulating angiogenic cells via Src kinase-mediated activation of STAT3. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 1398-406	9.4	32

29	Extrarenal effects of FGF23. *Pediatric Nephrology*, **2017**, 32, 753-765	3.2	31
28	Klotho and fibroblast growth factor 23 in cerebrospinal fluid in children. *Journal of Bone and Mineral Metabolism*, **2017**, 35, 215-226	2.9	28
27	Leptin promotes neointima formation and smooth muscle cell proliferation via NADPH oxidase activation and signalling in caveolin-rich microdomains. *Cardiovascular Research*, **2013**, 99, 555-65	9.9	26
26	FGF23 and Phosphate-Cardiovascular Toxins in CKD. *Toxins*, **2019**, 11,	4.9	23
25	Impact of Altered Mineral Metabolism on Pathological Cardiac Remodeling in Elevated Fibroblast Growth Factor 23. *Frontiers in Endocrinology*, **2018**, 9, 333	5.7	20
24	Bone and Mineral Metabolism in Children with Nephropathic Cystinosis Compared with other CKD Entities. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	15
23	Effects of nutritional vitamin D supplementation on markers of bone and mineral metabolism in children with chronic kidney disease. *Nephrology Dialysis Transplantation*, **2018**, 33, 2208-2217	4.3	14
22	Treatment of hyperphosphatemia: the dangers of aiming for normal PTH levels. *Pediatric Nephrology*, **2020**, 35, 485-491	3.2	14
21	Cigarette smoke exposure promotes arterial thrombosis and vessel remodeling after vascular injury in apolipoprotein E-deficient mice. *Journal of Vascular Research*, **2008**, 45, 480-92	1.9	13
20	Bone evaluation in paediatric chronic kidney disease: clinical practice points from the European Society for Paediatric Nephrology CKD-MBD and Dialysis working groups and CKD-MBD working group of the ERA-EDTA. *Nephrology Dialysis Transplantation*, **2021**, 36, 413-425	4.3	12
19	Biomarkers for Antidepressant Efficacy of Electroconvulsive Therapy: An Exploratory Cerebrospinal Fluid Study. *Neuropsychobiology*, **2019**, 77, 13-22	4	11
18	Electroconvulsive therapy enhances the anti-ageing hormone Klotho in the cerebrospinal fluid of geriatric patients with major depression. *European Neuropsychopharmacology*, **2018**, 28, 428-435	1.2	9
17	CKD-MBD post kidney transplantation. *Pediatric Nephrology*, **2021**, 36, 41-50	3.2	9
16	Comparison of calcimimetic R568 and calcitriol in mineral homeostasis in the Hyp mouse, a murine homolog of X-linked hypophosphatemia. *Bone*, **2017**, 103, 224-232	4.7	7
15	Impaired Microcirculation in Children After Kidney Transplantation: Everolimus Versus Mycophenolate Based Immunosuppression Regimen. *Kidney and Blood Pressure Research*, **2018**, 43, 793-806	2.1	6
14	Endothelial dysfunction during long-term follow-up in children with STEC hemolytic-uremic syndrome. *Pediatric Nephrology*, **2017**, 32, 1005-1011	3.2	5
13	Rickets guidance: part I-diagnostic workup.. *Pediatric Nephrology*, **2021**, 1	3.2	4
12	Cardiac Fibroblast Growth Factor 23 Excess Does Not Induce Left Ventricular Hypertrophy in Healthy Mice. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 745892	5.7	4

11	Renal effects of growth hormone in health and in kidney disease. *Pediatric Nephrology*, **2021**, 36, 2511-2530	3.2	4
10	The novel seizure quality index for the antidepressant outcome prediction in electroconvulsive therapy: association with biomarkers in the cerebrospinal fluid. *European Archives of Psychiatry and Clinical Neuroscience*, **2020**, 270, 911-919	5.1	3
9	Active vitamin D is cardioprotective in experimental uraemia but not in children with CKD Stages 3-5. *Nephrology Dialysis Transplantation*, **2021**, 36, 442-451	4.3	3
8	Peripheral levels of the anti-aging hormone Klotho in patients with depression. *Journal of Neural Transmission*, **2019**, 126, 771-776	4.3	2
7	How FGF23 shapes multiple organs in chronic kidney disease. *Molecular and Cellular Pediatrics*, **2021**, 8, 12	3.3	2
6	FO083CHRONIC FGF23 OVERLOAD FAILS TO INDUCE CARDIAC DYSFUNCTIONS. *Nephrology Dialysis Transplantation*, **2019**, 34,	4.3	1
5	Comprehensive Expression Analysis of Cardiac Fibroblast Growth Factor 23 in Health and Pressure-induced Cardiac Hypertrophy.. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 791479	5.7	1
4	Fibroblast Growth Factor 23 and Left Ventricular Hypertrophy in Chronic Kidney Disease-A Pediatric Perspective. *Frontiers in Pediatrics*, **2021**, 9, 702719	3.4	0
3	Phosphate Is a Cardiovascular Toxin.. *Advances in Experimental Medicine and Biology*, **2022**, 1362, 107-134	3.6	0
2	Rickets guidance: part II-management.. *Pediatric Nephrology*, **2022**, 1	3.2	0
1	FGF23 and heart and vascular disease **2021**, 133-156		