Maren Leifheit-Nestler

List of Publications by Year
in descending order

52 papers	1,997 citations	279701 23 h-index	243529 44 g-index
52 all docs	52 docs citations	52 times ranked	2601 citing authors

#	Article	IF	Citations
1	Activation of Cardiac Fibroblast Growth Factor Receptor 4 Causes Left Ventricular Hypertrophy. Cell Metabolism, 2015, 22, 1020-1032.	7.2	432
2	Induction of cardiac FGF23/FGFR4 expression is associated with left ventricular hypertrophy in patients with chronic kidney disease. Nephrology Dialysis Transplantation, 2016, 31, 1088-1099.	0.4	168
3	Leptin Enhances the Recruitment of Endothelial Progenitor Cells Into Neointimal Lesions After Vascular Injury by Promoting Integrin-Mediated Adhesion. Circulation Research, 2008, 103, 536-544.	2.0	92
4	Fibroblast growth factor 23 is induced by an activated reninâ€“angiotensinâ€“aldosterone system in cardiac myocytes and promotes the pro-fibrotic crosstalk between cardiac myocytes and fibroblasts. Nephrology Dialysis Transplantation, 2018, 33, 1722-1734.	0.4	78
5	Vitamin D treatment attenuates cardiac FGF23/FGFR4 signaling and hypertrophy in uremic rats. Nephrology Dialysis Transplantation, 2017, 32, 1493-1503.	0.4	74
6	Paracrine Effects of FGF23 on the Heart. Frontiers in Endocrinology, 2018, 9, 278.	1.5	72
7	FGF23-Mediated Activation of Local RAAS Promotes Cardiac Hypertrophy and Fibrosis. International Journal of Molecular Sciences, 2019, 20, 4634.	1.8	71
8	Leptin Enhances the Potency of Circulating Angiogenic Cells Via Src Kinase and Integrin Î±vÎ²5. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 200-206.	1.1	70
9	Klotho modulates FGF23-mediated NO synthesis and oxidative stress in human coronary artery endothelial cells. Pflugers Archiv European Journal of Physiology, 2016, 468, 1621-1635.	1.3	68
10	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, 357-367.	1.2	61
11	Fibroblast growth factor 23 signaling in hippocampal cells: impact on neuronal morphology and synaptic density. Journal of Neurochemistry, 2016, 137, 756-769.	2.1	58
12	Leptin-Dependent and Leptin-Independent Paracrine Effects of Perivascular Adipose Tissue on Neointima Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 980-987.	1.1	57
13	FGF23 and Phosphateâ€“Cardiovascular Toxins in CKD. Toxins, 2019, 11, 647.	1.5	47
14	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.	1.2	46
15	Leptin promotes the mobilization of vascular progenitor cells and neovascularization by NOX2-mediated activation of MMP9. Cardiovascular Research, 2012, 93, 170-180.	1.8	44
16	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.	1.8	44
17	Leptin signalling and leptin-mediated activation of human platelets: Importance of JAK2 and the phospholipases CÎ³2 and A2. Thrombosis and Haemostasis, 2007, 98, 1063-1071.	1.8	37
18	Leptin promotes neointima formation and smooth muscle cell proliferation via NADPH oxidase activation and signalling in caveolin-rich microdomains. Cardiovascular Research, 2013, 99, 555-565.	1.8	37

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19	Extrarenal effects of FGF23. Pediatric Nephrology, 2017, 32, 753-765.	0.9	37
20	Overexpression of Integrin Î²5 Enhances the Paracrine Properties of Circulating Angiogenic Cells via Src Kinaseâ€“Mediated Activation of STAT3. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1398-1406.	1.1	36
21	Klotho and fibroblast growth factor 23 in cerebrospinal fluid in children. Journal of Bone and Mineral Metabolism, 2017, 35, 215-226.	1.3	34
22	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.	0.4	30
23	Impact of Altered Mineral Metabolism on Pathological Cardiac Remodeling in Elevated Fibroblast Growth Factor 23. Frontiers in Endocrinology, 2018, 9, 333.	1.5	27
24	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.	0.4	23
25	Renal effects of growth hormone in health and in kidney disease. Pediatric Nephrology, 2021, 36, 2511-2530.	0.9	23
26	Bone and Mineral Metabolism in Children with Nephropathic Cystinosis Compared with other CKD Entities. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e2738-e2752.	1.8	22
27	Electroconvulsive therapy enhances the anti-ageing hormone Klotho in the cerebrospinal fluid of geriatric patients with major depression. European Neuropsychopharmacology, 2018, 28, 428-435.	0.3	21
28	Biomarkers for Antidepressant Efficacy of Electroconvulsive Therapy: An Exploratory Cerebrospinal Fluid Study. Neuropsychobiology, 2019, 77, 13-22.	0.9	20
29	Cigarette Smoke Exposure Promotes Arterial Thrombosis and Vessel Remodeling after Vascular Injury in Apolipoprotein E-Deficient Mice. Journal of Vascular Research, 2008, 45, 480-492.	0.6	19
30	CKD-MBD post kidney transplantation. Pediatric Nephrology, 2021, 36, 41-50.	0.9	19
31	Treatment of hyperphosphatemia: the dangers of aiming for normal PTH levels. Pediatric Nephrology, 2020, 35, 485-491.	0.9	18
32	Rickets guidance: part Iâ€”diagnostic workup. Pediatric Nephrology, 2022, 37, 2013-2036.	0.9	17
33	Endothelial dysfunction during long-term follow-up in children with STEC hemolytic-uremic syndrome. Pediatric Nephrology, 2017, 32, 1005-1011.	0.9	13
34	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.	1.8	12
35	How FGF23 shapes multiple organs in chronic kidney disease. Molecular and Cellular Pediatrics, 2021, 8, 12.	1.0	11
36	Cardiac Fibroblast Growth Factor 23 Excess Does Not Induce Left Ventricular Hypertrophy in Healthy Mice. Frontiers in Cell and Developmental Biology, 2021, 9, 745892.	1.8	10

#	Article	IF	Citations
37	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.	1.4	8
38	Impaired Microcirculation in Children After Kidney Transplantation: Everolimus Versus Mycophenolate Based Immunosuppression Regimen. Kidney and Blood Pressure Research, 2018, 43, 793-806.	0.9	7
39	Peripheral levels of the anti-aging hormone Klotho in patients with depression. Journal of Neural Transmission, 2019, 126, 771-776.	1.4	7
40	Fibroblast Growth Factor 23 and Left Ventricular Hypertrophy in Chronic Kidney Diseaseâ€"A Pediatric Perspective. Frontiers in Pediatrics, 2021, 9, 702719.	0.9	7
41	Active vitamin D is cardioprotective in experimental uraemia but not in children with CKD Stages 3â€“5. Nephrology Dialysis Transplantation, 2021, 36, 442-451.	0.4	5
42	Rickets guidance: part IIâ€"management. Pediatric Nephrology, 2022, 37, 2289-2302.	0.9	5
43	Phosphate Is a Cardiovascular Toxin. Advances in Experimental Medicine and Biology, 2022, 1362, 107-134.	0.8	4
44	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.	1.8	3
45	Muscle and Bone Impairment in Infantile Nephropathic Cystinosis: New Concepts. Cells, 2022, 11, 170.	1.8	2
46	FO083CHRONIC FGF23 OVERLOAD FAILS TO INDUCE CARDIAC DYSFUNCTIONS. Nephrology Dialysis Transplantation, 2019, 34, .	0.4	1
47	MO044HIGH DIETARY PHOSPHATE INTAKE ENHANCES INTACT FGF23 AND CAUSES ACUTE TUBULAR INJURY WITH SEVERE INFLAMMATION AND FIBROSIS IN UNTREATED MICE. Nephrology Dialysis Transplantation, 2020, 35, .	0.4	0
48	MO026TREATMENT WITH ACTIVE VITAMIN D DOES NOT IMPROVE LEFT VENTRICULAR HYPERTROPHY BUT FURTHER INCREASES FGF23 AND ACCELERATES CKD PROGRESSION IN CHILDREN. Nephrology Dialysis Transplantation, 2020, 35, .	0.4	0
49	FGF23 and heart and vascular disease. , 2021, , 133-156.		0
50	FC 018HIGH DIETARY PHOSPHATE INTAKE AND INTRA-CARDIAC SYNTHESIS OF FIBROBLAST GROWTH FACTOR 23 SYNERGISTICALLY WORSEN CARDIAC FUNCTION. Nephrology Dialysis Transplantation, 2021, 36, .	0.4	0
51	Editorial: Mineral and Bone Disorder in CKD. Frontiers in Pediatrics, 2022, 10, 856656.	0.9	0
52	MO448: Progressive Tubular Injury Caused by High Phosphate Intake is Associated With Activation of STAT3/KIM-1 Signalling and Macrophage Recruitment in Mice. Nephrology Dialysis Transplantation, 2022, 37, .	0.4	0