Johan M Lorenzen

List of Publications by Year
in descending order

77 papers	4,723 citations	87888 38 h-index	98798 67 g-index
81 all docs	81 docs citations	81 times ranked	7261 citing authors

#	Article	IF	Citations
1	MicroRNA-24 Regulates Vascularity After Myocardial Infarction. Circulation, 2011, 124, 720-730.	1.6	358
2	Diagnostic and prognostic impact of six circulating microRNAs in acute coronary syndrome. Journal of Molecular and Cellular Cardiology, 2011, 51, 872-875.	1.9	350
3	Long noncoding RNAs in kidney and cardiovascular diseases. Nature Reviews Nephrology, 2016, 12, 360-373.	9.6	273
4	MicroRNAs as mediators and therapeutic targets in chronic kidney disease. Nature Reviews Nephrology, 2011, 7, 286-294.	9.6	191
5	Urinary miR-210 as a Mediator of Acute T-Cell Mediated Rejection in Renal Allograft Recipients. American Journal of Transplantation, 2011, 11, 2221-2227.	4.7	181
6	Circulating miR-210 Predicts Survival in Critically Ill Patients with Acute Kidney Injury. Clinical Journal of the American Society of Nephrology: CJASN, 2011, 6, 1540-1546.	4.5	181
7	Therapeutic miR-21 Silencing Ameliorates Diabetic Kidney Disease in Mice. Molecular Therapy, 2017, 25, 165-180.	8.2	149
8	MicroRNA-24 Antagonism Prevents Renal Ischemia Reperfusion Injury. Journal of the American Society of Nephrology: JASN, 2014, 25, 2717-2729.	6.1	128
9	Diabetes-Associated MicroRNAs in Pediatric Patients With Type 1 Diabetes Mellitus: A Cross-Sectional Cohort Study. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E1661-E1665.	3.6	125
10	Impairment of Wound Healing in Patients With Type 2 Diabetes Mellitus Influences Circulating MicroRNA Patterns via Inflammatory Cytokines. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1480-1488.	2.4	123
11	Increase of infectious complications in ABO-incompatible kidney transplant recipients--a single centre experience. Nephrology Dialysis Transplantation, 2011, 26, 4124-4131.	0.7	120
12	Osteopontin is indispensible for AP1-mediated angiotensin II-related miR-21 transcription during cardiac fibrosis. European Heart Journal, 2015, 36, 2184-2196.	2.2	117
13	Epigenetic modifications in cardiovascular disease. Basic Research in Cardiology, 2012, 107, 245.	5.9	114
14	Circulating Long Noncoding RNA TapSAKI Is a Predictor of Mortality in Critically Ill Patients with Acute Kidney Injury. Clinical Chemistry, 2015, 61, 191-201.	3.2	103
15	Noncoding RNAs in acute kidney injury. Kidney International, 2018, 94, 870-881.	5.2	103
16	Altered glycosylation of IgG4 promotes lectin complement pathway activation in anti-PLA2R1â€“associated membranous nephropathy. Journal of Clinical Investigation, 2021, 131, .	8.2	94
17	Biogenesis and Function of Circular RNAs in Health and in Disease. Frontiers in Pharmacology, 2019, 10, 428.	3.5	92
18	Circulating and Urinary microRNAs in Kidney Disease. Clinical Journal of the American Society of Nephrology: CJASN, 2012, 7, 1528-1533.	4.5	83

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19	Blood-based microRNA signatures differentiate various forms of cardiac hypertrophy. International Journal of Cardiology, 2015, 196, 115-122.	1.7	83
20	The Role of Osteopontin in the Development of Albuminuria. Journal of the American Society of Nephrology: JASN, 2008, 19, 884-890.	6.1	78
21	Osteopontin in Patients With Idiopathic Pulmonary Hypertension. Chest, 2011, 139, 1010-1017.	0.8	75
22	Vascular importance of the miR-212/132 cluster. European Heart Journal, 2014, 35, 3224-3231.	2.2	74
23	Hypoxia-induced long non-coding RNA Malat1 is dispensable for renal ischemia/reperfusion-injury. Scientific Reports, 2018, 8, 3438.	3.3	69
24	Circular RNAs in kidney disease and cancer. Nature Reviews Nephrology, 2021, 17, 814-826.	9.6	69
25	Long Noncoding RNAs in Urine Are Detectable and May Enable Early Detection of Acute T Cellâ€“Mediated Rejection of Renal Allografts. Clinical Chemistry, 2015, 61, 1505-1514.	3.2	65
26	Acute effects of remote ischemic preconditioning on cutaneous microcirculation - a controlled prospective cohort study. BMC Surgery, 2011, 11, 32.	1.3	61
27	Circulating levels of osteopontin are closely related to glomerular filtration rate and cardiovascular risk markers in patients with chronic kidney disease. European Journal of Clinical Investigation, 2010, 40, 294-300.	3.4	58
28	Podocytes regulate the glomerular basement membrane protein nephronectin by means ofÂmiR-378a-3p in glomerular diseases. Kidney International, 2017, 92, 836-849.	5.2	55
29	The Circular RNA ciRs-126 Predicts Survival in Critically Ill Patients With Acute Kidney Injury. Kidney International Reports, 2018, 3, 1144-1152.	0.8	55
30	Circular RNAs in Urine of Kidney Transplant Patients with Acute T Cell-Mediated Allograft Rejection. Clinical Chemistry, 2019, 65, 1287-1294.	3.2	55
31	MicroRNAs in diabetes and diabetes-associated complications. RNA Biology, 2012, 9, 820-827.	3.1	54
32	Regulation of cardiac and renal ischemiaâ€“reperfusion injury by microRNAs. Free Radical Biology and Medicine, 2013, 64, 78-84.	2.9	54
33	SDMA is an early marker of change in GFR after living-related kidney donation. Nephrology Dialysis Transplantation, 2011, 26, 324-328.	0.7	53
34	Osteopontin predicts survival in critically ill patients with acute kidney injury. Nephrology Dialysis Transplantation, 2011, 26, 531-537.	0.7	51
35	Analysis of hereditary and medical risk factors in Achilles tendinopathy and Achilles tendon ruptures: a matched pair analysis. Archives of Orthopaedic and Trauma Surgery, 2012, 132, 847-853.	2.4	50
36	Angiotensin II receptor blocker and statins lower elevated levels of osteopontin in essential hypertensionâ€”Results from the EUTOPIA trial. Atherosclerosis, 2010, 209, 184-188.	0.8	49

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37	Circulating MicroRNAs Are Not Eliminated by Hemodialysis. PLoS ONE, 2012, 7, e38269.	2.5	48
38	Pharmacokinetics of Ampicillin/Sulbactam in Critically Ill Patients with Acute Kidney Injury undergoing Extended Dialysis. Clinical Journal of the American Society of Nephrology: CJASN, 2012, 7, 385-390.	4.5	43
39	Renal AAV2-Mediated Overexpression of Long Non-Coding RNA H19 Attenuates Ischemic Acute Kidney Injury Through Sponging of microRNA-30a-5p. Journal of the American Society of Nephrology: JASN, 2021, 32, 323-341.	6.1	40
40	Urinary asymmetric dimethylarginine (ADMA) is a predictor of mortality risk in patients with coronary artery disease. International Journal of Cardiology, 2012, 156, 289-294.	1.7	33
41	Aromatase Inhibition Attenuates Desflurane-Induced Preconditioning against Acute Myocardial Infarction in Male Mouse Heart In Vivo. PLoS ONE, 2012, 7, e42032.	2.5	33
42	Vascular and circulating microRNAs in renal ischaemiaâ€“reperfusion injury. Journal of Physiology, 2015, 593, 1777-1784.	2.9	32
43	Mitochondrial long noncoding RNAs as blood based biomarkers for cardiac remodeling in patients with hypertrophic cardiomyopathy. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H707-H712.	3.2	32
44	Endothelial Progenitor Cells and Cardiovascular Events in Patients with Chronic Kidney Disease â€“ a Prospective Follow-Up Study. PLoS ONE, 2010, 5, e11477.	2.5	31
45	Cardiac Fibrosis Revisited by MicroRNA Therapeutics. Circulation, 2012, 126, 800-802.	1.6	30
46	MicroRNA expression studies: challenge of selecting reliable reference controls for data normalization. Cellular and Molecular Life Sciences, 2019, 76, 3497-3514.	5.4	29
47	Overexpression of TGF-Î² Inducible microRNA-143 in Zebrafish Leads to Impairment of the Glomerular Filtration Barrier by Targeting Proteoglycans. Cellular Physiology and Biochemistry, 2016, 40, 819-830.	1.6	28
48	Diagnostic and Therapeutic Potential of microRNAs in Acute Kidney Injury. Frontiers in Pharmacology, 2020, 11, 657.	3.5	26
49	Role of microRNAs in immunity and organ transplantation. Expert Reviews in Molecular Medicine, 2011, 13, e37.	3.9	25
50	Antagonism of profibrotic microRNA-21 improvesÂoutcome of murine chronic renal allograft dysfunction. Kidney International, 2017, 92, 646-656.	5.2	25
51	Cotrimoxazole plasma levels, dialyzer clearance and total removal by extended dialysis in a patient with acute kidney injury: risk of under-dosing using current dosing recommendations. BMC Pharmacology & Toxicology, 2013, 14, 19.	2.4	24
52	Osteopontin in the development of systemic sclerosis--relation to disease activity and organ manifestation. Rheumatology, 2010, 49, 1989-1991.	1.9	20
53	Collagen IVÎ±345 dysfunction in glomerular basement membrane diseases. I. Discovery of a COL4A3 variant in familial Goodpastureâ€™s and Alport diseases. Journal of Biological Chemistry, 2021, 296, 100590.	3.4	19
54	Infection with Mycobacterium genavense in a patient with systemic lupus erythematosus. Clinical Rheumatology, 2009, 28, 39-41.	2.2	18

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55	Glycaemic control and antidiabetic therapy in patients with diabetes mellitus and chronic kidney disease â€“ cross-sectional data from the German Chronic Kidney Disease (GCKD) cohort. BMC Nephrology, 2016, 17, 59.	1.8	18
56	Risk of underdosing of ampicillin/sulbactam in patients with acute kidney injury undergoing extended daily dialysisâ€”a single case. Nephrology Dialysis Transplantation, 2009, 24, 2283-2285.	0.7	16
57	Identification of cell and disease specific microRNAs in glomerular pathologies. Journal of Cellular and Molecular Medicine, 2019, 23, 3927-3939.	3.6	16
58	TLR-4+ peripheral blood monocytes and cardiovascular events in patients with chronic kidney disease--a prospective follow-up study. Nephrology Dialysis Transplantation, 2011, 26, 1421-1424.	0.7	15
59	Safety of Kidney Biopsy when Performed as an Outpatient Procedure. Kidney and Blood Pressure Research, 2021, 46, 310-322.	2.0	13
60	Achilles tendon suture deteriorates tendon capillary blood flow with sustained tissue oxygen saturation â€“ an animal study. Journal of Orthopaedic Surgery and Research, 2009, 4, 32.	2.3	12
61	Severe Burn Injuries Caused by Bioethanol-Design Fireplacesâ€”An Overview on Recreational Fire Threats. Journal of Burn Care and Research, 2011, 32, 173-177.	0.4	11
62	Osteopontin in antineutrophil cytoplasmic autoantibody-associated vasculitis: relation to disease activity, organ manifestation and immunosuppressive therapy. Annals of the Rheumatic Diseases, 2010, 69, 1169-1171.	0.9	10
63	Effects of arginase inhibitors on the contractile and relaxant responses of isolated human penile erectile tissue. World Journal of Urology, 2009, 27, 805-810.	2.2	9
64	Circulating microRNAs in Patients with Shiga-Toxin-Producing E. coli O104:H4 Induced Hemolytic Uremic Syndrome. PLoS ONE, 2012, 7, e47215.	2.5	9
65	Fetuin, Matrix-Gla Protein and Osteopontin in Calcification of Renal Allografts. PLoS ONE, 2012, 7, e52039.	2.5	9
66	Conversion from conventional in-centre thrice-weekly haemodialysis to short daily home haemodialysis ameliorates uremia-associated clinical parameters. International Urology and Nephrology, 2012, 44, 883-890.	1.4	8
67	Pathologic endothelial response and impaired function of circulating angiogenic cells in patients with Fabry disease. Basic Research in Cardiology, 2013, 108, 311.	5.9	8
68	MALAT1: a therapeutic candidate for a broad spectrum of vascular and cardiorenal complications. Hypertension Research, 2020, 43, 372-379.	2.7	8
69	The hypoxic kidney: pathogenesis and noncoding RNA-based therapeutic strategies. Swiss Medical Weekly, 2019, 149, w14703.	1.6	8
70	Total collected dialysate lithium concentration after successful dialysis treatment in case of intoxication. BMC Pharmacology & Toxicology, 2014, 15, 49.	2.4	6
71	Necrotizing fasciitis and acute kidney injury in a patient with acute myelogenous leukemiaâ€”case presentation and review of the literature. Annals of Hematology, 2011, 90, 235-238.	1.8	5
72	MicroRNAs in Idiopathic Childhood Nephrotic Syndrome. Clinical Chemistry, 2013, 59, 595-597.	3.2	5

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73	Free Flap Skin Temperature Correlates to Microcirculatory Free Flap Capillary Blood Flow. Plastic and Reconstructive Surgery, 2011, 127, 166e-167e.	1.4	3
74	Detection and Transport Mechanisms of Circulating microRNAs in Neurological, Cardiac and Kidney Diseases. Current Medicinal Chemistry, 2013, 20, 3623-3628.	2.4	3
75	Circular RNA-based biomarkers in blood of patients with Fabry disease and related phenotypes. Journal of Medical Genetics, 2021, , jmedgenet-2020-107086.	3.2	2
76	FP280FUNCTIONAL INVESTIGATION OF MIR-17-5P INHIBITION IN KIDNEY ISCHEMIA-REPERFUSION INJURY IN MICE. Nephrology Dialysis Transplantation, 2019, 34, .	0.7	0
77	Circular RNAs as non-invasive urinary biomarker of kidney diseases. Annals of Translational Medicine, 2020, 8, 255-255.	1.7	0