miR-26a Limits Muscle Wasting and Cardiac Fibr microRNA Transfer in Chronic Kidney Disease

Theranostics

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Citation Report

#	Article	IF	Citations
1	Employing Macrophage-Derived Microvesicle for Kidney-Targeted Delivery of Dexamethasone: An Efficient Therapeutic Strategy against Renal Inflammation and Fibrosis. Theranostics, 2019, 9, 4740-4755.	4.6	112
2	Exogenous miRâ€26a suppresses muscle wasting and renal fibrosis in obstructive kidney disease. FASEB Journal, 2019, 33, 13590-13601.	0.2	48
3	Skeletal muscle wasting in chronic kidney disease: the emerging role of microRNAs. Nephrology Dialysis Transplantation, 2020, 35, 1469-1478.	0.4	21
4	Extracellular vesicle-mediated delivery of miR-101 inhibits lung metastasis in osteosarcoma. Theranostics, 2020, 10, 411-425.	4.6	97
5	Denervation drives skeletal muscle atrophy and induces mitochondrial dysfunction, mitophagy and apoptosis via miR-142a-5p/MFN1 axis. Theranostics, 2020, 10, 1415-1432.	4.6	65
6	Zhen-Wu-Tang Protects IgA Nephropathy in Rats by Regulating Exosomes to Inhibit NF-Î°B/NLRP3 Pathway. Frontiers in Pharmacology, 2020, 11, 1080.	1.6	28
7	Exosome: a significant nano-scale drug delivery carrier. Journal of Materials Chemistry B, 2020, 8, 7591-7608.	2.9	108
8	Exogenous bone marrow derived-putative endothelial progenitor cells attenuate ischemia reperfusion-induced vascular injury and renal fibrosis in mice dependent on pericytes. Theranostics, 2020, 10, 12144-12157.	4.6	11
9	MicroRNAâ€26a Protects the Heart Against Hypertensionâ€Induced Myocardial Fibrosis. Journal of the American Heart Association, 2020, 9, e017970.	1.6	17
10	Exosomes in Nephropathies: A Rich Source of Novel Biomarkers. Disease Markers, 2020, 2020, 1-12.	0.6	11
11	Regulation of Skeletal Muscle Atrophy in Cachexia by MicroRNAs and Long Non-coding RNAs. Frontiers in Cell and Developmental Biology, 2020, 8, 577010.	1.8	16
12	Measurement and standardization challenges for extracellular vesicle therapeutic delivery vectors. Nanomedicine, 2020, 15, 2149-2170.	1.7	19
13	Dose-effect relationship and molecular mechanism by which BMSC-derived exosomes promote peripheral nerve regeneration after crush injury. Stem Cell Research and Therapy, 2020, 11, 360.	2.4	41
14	The Protective Role of Klotho in CKD-Associated Cardiovascular Disease. Kidney Diseases (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.2	24
15	Inhibition of urea transporter ameliorates uremic cardiomyopathy in chronic kidney disease. FASEB Journal, 2020, 34, 8296-8309.	0.2	8
16	DR-region of Na⁺/K⁺-ATPase is a target to ameliorate hepatic insulin resistance in obese diabetic mice. Theranostics, 2020, 10, 6149-6166.	4.6	8
17	Serelaxin alleviates cardiac fibrosis through inhibiting endothelial-to-mesenchymal transition via RXFP1. Theranostics, 2020, 10, 3905-3924.	4.6	33
18	Adipose mesenchymal stem cell-derived extracellular vesicles containing microRNA-26a-5p target TLR4 and protect against diabetic nephropathy. Journal of Biological Chemistry, 2020, 295, 12868-12884.	1.6	61

#	Article	IF	Citations
20	Macrophage-Derived Exosomal Mir-155ÂRegulating Cardiomyocyte Pyroptosis and Hypertrophy in UremicÂCardiomyopathy. JACC Basic To Translational Science, 2020, 5, 148-166.	1.9	49
21	Going micro in CKD-related cachexia. Nephrology Dialysis Transplantation, 2020, 35, 1462-1464.	0.4	1
22	Exogenous miR-29a Attenuates Muscle Atrophy and Kidney Fibrosis in Unilateral Ureteral Obstruction Mice. Human Gene Therapy, 2020, 31, 367-375.	1.4	24
23	Do exosomes play role in cardiovascular disease development in hematological malignancy?. Molecular Biology Reports, 2020, 47, 5487-5493.	1.0	8
24	The cardiovascular determinants of physical function in patients with end-stage kidney disease on haemodialysis. International Journal of Cardiovascular Imaging, 2021, 37, 1405-1414.	0.7	2
25	Engineering approaches for effective therapeutic applications based on extracellular vesicles. Journal of Controlled Release, 2021, 330, 15-30.	4.8	45
26	The Future of Regenerative Medicine: Cell Therapy Using Pluripotent Stem Cells and Acellular Therapies Based on Extracellular Vesicles. Cells, 2021, 10, 240.	1.8	56
27	What can urinary exosomes tell us?. Cellular and Molecular Life Sciences, 2021, 78, 3265-3283.	2.4	26
28	In Vivo Stimulation of Î±- and Î²-Adrenoceptors in Mice Differentially Alters Small RNA Content of Circulating Extracellular Vesicles. Cells, 2021, 10, 1211.	1.8	4
29	Urinary Extracellular Vesicles for Renal Tubular Transporters Expression in Patients With Gitelman Syndrome. Frontiers in Medicine, 2021, 8, 679171.	1.2	7
30	Mechanism of bone marrow mesenchymal stem cells secreting miR-26a exosomes affecting high glucose-induced skin fibroblasts function by regulating TLR4/NF-ÎºB signaling. Inflammation Research, 2021, 70, 811-821.	1.6	5
31	Extracellular Vesicles in Organ Fibrosis: Mechanisms, Therapies, and Diagnostics. Cells, 2021, 10, 1596.	1.8	33
32	miRâ€‘320a in serum exosomes promotes myocardial fibroblast proliferation via regulating theÂPIK3CA/Akt/mTOR signaling pathway in HEH2 cells. Experimental and Therapeutic Medicine, 2021, 22, 873.	0.8	11
33	Cancer-derived exosome miRNAs induce skeletal muscle wasting by Bcl-2-mediated apoptosis in colon cancer cachexia. Molecular Therapy - Nucleic Acids, 2021, 24, 923-938.	2.3	44
34	Downregulation of let-7 by Electrical Acupuncture Increases Protein Synthesis in Mice. Frontiers in Physiology, 2021, 12, 697139.	1.3	5
35	Cardiac Fibrosis: Cellular Effectors, Molecular Pathways, and Exosomal Roles. Frontiers in Cardiovascular Medicine, 2021, 8, 715258.	1.1	39
36	DNMT1-Induced miR-152-3p Suppression Facilitates Cardiac Fibroblast Activation in Cardiac Fibrosis. Cardiovascular Toxicology, 2021, 21, 984-999.	1.1	10
37	Roles of Skeletal Muscle-Derived Exosomes in Organ Metabolic and Immunological Communication. Frontiers in Endocrinology, 2021, 12, 697204.	1.5	18

#	Article	IF	Citations
38	Role of miRNA and lncRNAs in organ fibrosis and aging. Biomedicine and Pharmacotherapy, 2021, 143, 112132.	2.5	72
39	Dysregulations of miR-503-5p and Wnt/Î²-catenin pathway coordinate in mediating cadmium-induced kidney fibrosis. Ecotoxicology and Environmental Safety, 2021, 224, 112667.	2.9	8
40	The Multifunctionality of Exosomes; from the Garbage Bin of the Cell to a Next Generation Gene and Cellular Therapy. Genes, 2021, 12, 173.	1.0	12
41	Adipose-derived mesenchymal stem cells and extracellular vesicles confer antitumor activity in preclinical treatment of breast cancer. Pharmacological Research, 2020, 157, 104843.	3.1	37
42	MicroRNAs as potential therapeutic targets for muscle wasting during cancer cachexia. Current Opinion in Clinical Nutrition and Metabolic Care, 2020, 23, 157-163.	1.3	7
43	Role of Exosomal miRNAs in Heart Failure. Frontiers in Cardiovascular Medicine, 2020, 7, 592412.	1.1	26
44	Exosomes, a New Star for Targeted Delivery. Frontiers in Cell and Developmental Biology, 2021, 9, 751079.	1.8	104
45	Non-coding RNA basis of muscle atrophy. Molecular Therapy - Nucleic Acids, 2021, 26, 1066-1078.	2.3	22
46	Roles of Exosomes in Cardiac Fibroblast Activation and Fibrosis. Cells, 2021, 10, 2933.	1.8	9
47	Pathophysiological mechanisms leading to muscle loss in chronic kidney disease. Nature Reviews Nephrology, 2022, 18, 138-152.	4.1	56
48	A systematic review and meta-analysis of murine models of uremic cardiomyopathy. Kidney International, 2022, 101, 256-273.	2.6	13
49	Exosomes and Exosomal Non-coding RNAs Are Novel Promises for the Mechanism-Based Diagnosis and Treatments of Atrial Fibrillation. Frontiers in Cardiovascular Medicine, 2021, 8, 782451.	1.1	6
50	MicroRNA-451a attenuates angiotensin IIâ€“induced cardiac fibrosis and inflammation by directly targeting T-box1. Journal of Physiology and Biochemistry, 2022, 78, 257-269.	1.3	8
51	TLR13 contributes to skeletal muscle atrophy by increasing insulin resistance in chronic kidney disease. Cell Proliferation, 2022, 55, e13181.	2.4	5
52	Characterization of the microRNA Expression Profiles in the Goat Kid Liver. Frontiers in Genetics, 2021, 12, 794157.	1.1	2
53	Biogenesis and function of extracellular vesicles in pathophysiological processes of skeletal muscle atrophy. Biochemical Pharmacology, 2022, 198, 114954.	2.0	38
55	Functional Extracellular Vesicles for Regenerative Medicine. Small, 2022, 18, e2106569.	5.2	22
56	Regenerative medicine 2.0: extracellular vesicleâ€“based therapeutics for musculoskeletal tissue regeneration. Journal of the American Veterinary Medical Association, 2022, 260, 683-689.	0.2	3

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57	Extracellular vesicle-mediated bidirectional communication between heart and other organs. American Journal of Physiology - Heart and Circulatory Physiology, 2022, 322, H769-H784.	1.5	19
58	MicroRNAs in cardiovascular diseases. Medical Review, 2022, 2, 140-168.	0.3	1
59	Muscle Wasting in Chronic Kidney Disease: Mechanism and Clinical Implicationsâ€"A Narrative Review. International Journal of Molecular Sciences, 2022, 23, 6047.	1.8	16
60	MiR-155 deficiency protects renal tubular epithelial cells from telomeric and genomic DNA damage in cisplatin-induced acute kidney injury. Theranostics, 2022, 12, 4753-4766.	4.6	12
61	<scp>MicroRNA</scp>â€338â€3p as a therapeutic target in cardiac fibrosis through <scp>FGFR2</scp> suppression. Journal of Clinical Laboratory Analysis, 2022, 36, .	0.9	11
62	Diagnostic and Therapeutic Properties of Exosomes in Cardiac Fibrosis. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	3
63	Extracellular vesicles for renal therapeutics: State of the art and future perspective. Journal of Controlled Release, 2022, 349, 32-50.	4.8	20
64	Non-coding RNAs: Important participants in cardiac fibrosis. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	4
65	Shared and Divergent Epigenetic Mechanisms in Cachexia and Sarcopenia. Cells, 2022, 11, 2293.	1.8	8
66	Long-term culture of patient-derived cardiac organoids recapitulated Duchenne muscular dystrophy cardiomyopathy and disease progression. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	13
67	MicroRNA-based therapeutic strategies for chronic kidney disease and uremic cardiomyopathy. , 2022, , 563-600.		0
68	Biomaterials to promote vascularization in tissue engineering organs and ischemic fibrotic diseases. , 2022, 1, .		2
69	What do we actually know about exosomal microRNAs in kidney diseases?. Frontiers in Physiology, 0, 13, .	1.3	1
70	Role of exosomes and exosomal microRNA in muscleâ€"kidney crosstalk in chronic kidney disease. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	2
71	Ultrasound-assessed diaphragm dysfunction predicts clinical outcomes in hemodialysis patients. Scientific Reports, 2022, 12, .	1.6	2
72	Exosomes as Potential Functional Nanomaterials for Tissue Engineering. Advanced Healthcare Materials, 2023, 12, .	3.9	10
73	Exosomeâ€'encapsulated miRâ€'26a attenuates aldosteroneâ€'induced tubulointerstitial fibrosis by inhibiting the CTGF/SMAD3 signaling pathway. International Journal of Molecular Medicine, 2022, 51, .	1.8	8
74	Bacteroides plebeius improves muscle wasting in chronic kidney disease by modulating the gutâ€renal muscle axis. Journal of Cellular and Molecular Medicine, 2022, 26, 6066-6078.	1.6	6

#	Article	IF	Citations
75	Bibliometric analysis of scientific papers on extracellular vesicles in kidney disease published between 1999 and 2022. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	0
76	Exosome-mediated regulatory mechanisms in skeletal muscle: a narrative review. Journal of Zhejiang University: Science B, 2023, 24, 1-14.	1.3	5
77	Chronic kidney disease-induced muscle atrophy: Molecular mechanisms and promising therapies. Biochemical Pharmacology, 2023, 208, 115407.	2.0	12
78	Can Extracellular Vesicles as Drug Delivery Systems Be a Game Changer in Cardiac Disease?. Pharmaceutical Research, 2023, 40, 889-908.	1.7	11
79	The Role of NLRP3 Inflammasome in IgA Nephropathy. Medicina (Lithuania), 2023, 59, 82.	0.8	2
80	Potential Therapeutic Strategies for Skeletal Muscle Atrophy. Antioxidants, 2023, 12, 44.	2.2	12
81	MicroRNA-26a-5p Restoration Ameliorates Unilateral Ureteral Obstruction-Induced Renal Fibrosis in Mice Through Modulating TGF-Î² Signaling. Laboratory Investigation, 2023, 103, 100131.	1.7	3
82	Human Keratinocyte-Derived Exosomal MALAT1 Promotes Diabetic Wound Healing by Upregulating MFGE8 via microRNA-1914-3p. International Journal of Nanomedicine, 0, Volume 18, 949-970.	3.3	4
83	miRNAs in Uremic Cardiomyopathy: A Comprehensive Review. International Journal of Molecular Sciences, 2023, 24, 5425.	1.8	5
84	Circulating non-coding RNAs in chronic kidney disease and its complications. Nature Reviews Nephrology, 2023, 19, 573-586.	4.1	5
93	Extracellular Vesicles for Muscle Atrophy Treatment. Advances in Experimental Medicine and Biology, 2023, , 119-126.	0.8	0
96	Extracellular Vesicles in Kidney Disease. Physiology, 0, , .	4.0	0