# CITATION REPORT List of articles citing

lncRNA-MIAT regulates microvascular dysfunction by functioning as a competing endogenous RNA

DOI: 10.1161/circresaha.116.305510 Circulation Research, 2015, 116, 1143-56.

Source: https://exaly.com/paper-pdf/61742641/citation-report.pdf

Version: 2024-04-19

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
520	Development of Long Noncoding RNA-Based Strategies to Modulate Tissue Vascularization. <b>2015</b> , 66, 2005-2015		82
519	The short and long of noncoding sequences in the control of vascular cell phenotypes. <b>2015</b> , 72, 3457-88	Í	25
518	A new microRNA signal pathway regulated by long noncoding RNA TGFB2-OT1 in autophagy and inflammation of vascular endothelial cells. <b>2015</b> , 11, 2172-83		113
517	Long non-coding MIAT mediates high glucose-induced renal tubular epithelial injury. <b>2015</b> , 468, 726-32		75
516	Lncing epigenetic control of transcription to cardiovascular development and disease. <i>Circulation Research</i> , <b>2015</b> , 117, 192-206	15.7	49
515	Long noncoding RNAs in diabetic retinopathy. Circulation Research, 2015, 116, 1104-6	15.7	40
514	Interaction of long noncoding RNAs and microRNAs in the pathogenesis of idiopathic pulmonary fibrosis. <b>2015</b> , 47, 463-9		43
513	Epigenetics and Cardiovascular Disease in Diabetes. <b>2015</b> , 15, 108		24
512	Endothelial microRNA-150 is an intrinsic suppressor of pathologic ocular neovascularization. <b>2015</b> , 112, 12163-8		64
511	Long non-coding RNA-MIAT promotes neurovascular remodeling in the eye and brain. <b>2016</b> , 7, 49688-496	598	74
510	Oxidative Stress Biomarkers for Diabetic Retinopathy and Medical Management Affecting Oxidative Stress. <b>2016</b> ,		
509	Long Noncoding RNAs in Metabolic Syndrome Related Disorders. <b>2016</b> , 2016, 5365209		41
508	Novel Insights into the Role of Long Noncoding RNA in Ocular Diseases. <b>2016</b> , 17, 478		45
507	A lncRNA Perspective into (Re)Building the Heart. <b>2016</b> , 4, 128		28
506	Long non-coding RNA RP5-833A20.1 inhibits proliferation, metastasis and cell cycle progression by suppressing the expression of NFIA in U251 cells. <b>2016</b> , 14, 5288-5296		17
505	Long Noncoding RNAs in Atherosclerosis. <b>2016</b> , 23, 376-84		30
504	Long Noncoding RNA: Recent Updates in Atherosclerosis. <b>2016</b> , 12, 898-910		68

# (2016-2016)

503	miR-124 downregulation leads to breast cancer progression via LncRNA-MALAT1 regulation and CDK4/E2F1 signal activation. <b>2016</b> , 7, 16205-16	85
502	Epigenetic determinants of cardiovascular gene expression: vascular endothelium. <b>2016</b> , 8, 959-79	9
501	Screening and validation of lncRNAs and circRNAs as miRNA sponges. <b>2017</b> , 18, 780-788	190
500	Lignans Extracted from Eucommia Ulmoides Oliv. Protects Against AGEs-Induced Retinal Endothelial Cell Injury. <b>2016</b> , 39, 2044-2054	19
499	Gomafu lncRNA knockout mice exhibit mild hyperactivity with enhanced responsiveness to the psychostimulant methamphetamine. <b>2016</b> , 6, 27204	37
498	Long non-coding RNA MALAT1 regulates retinal neurodegeneration through CREB signaling. <b>2016</b> , 8, 346-62	66
497	Competing endogenous RNA networks of CYP4Z1 and pseudogene CYP4Z2P confer tamoxifen resistance in breast cancer. <b>2016</b> , 427, 133-42	42
496	Long noncoding RNAs and atherosclerosis. <b>2016</b> , 248, 51-61	64
495	Long non-coding RNA ENSMUST00000147869 protects mesangial cells from proliferation and fibrosis induced by diabetic nephropathy. <b>2016</b> , 54, 81-92	48
494	Long non-coding RNA ADNCR suppresses adipogenic differentiation by targeting miR-204. <b>2016</b> , 1859, 871-82	100
493	Long noncoding RNA expression profile of infantile hemangioma identified by microarray analysis. <b>2016</b> , 37, 15977	20
492	Role of long non-coding RNA MIAT in proliferation, apoptosis and migration of lens epithelial cells: a clinical and in vitro study. <b>2016</b> , 20, 537-48	98
491	Circulating long-non coding RNAs as biomarkers of left ventricular diastolic function and remodelling in patients with well-controlled type 2 diabetes. <b>2016</b> , 6, 37354	96
490	RNCR3 knockdown inhibits diabetes mellitus-induced retinal reactive gliosis. <b>2016</b> , 479, 198-203	30
489	A global profile of glucose-sensitive endothelial-expressed long non-coding RNAs. <b>2016</b> , 94, 1007-14	19
488	Long Noncoding RNA-GAS5: A Novel Regulator of Hypertension-Induced Vascular Remodeling. <b>2016</b> , 68, 736-48	118
487	Long Noncoding RNAs in Cardiovascular Pathology, Diagnosis, and Therapy. <b>2016</b> , 134, 1484-1499	154
486	Endothelial dysfunction and cardiometabolic diseases: Role of long non-coding RNAs. <b>2016</b> , 167, 6-11	44

485	The RNA-binding protein quaking maintains endothelial barrier function and affects VE-cadherin and Etatenin protein expression. <b>2016</b> , 6, 21643		29
484	Circulation Research In This IssuelAnthology. Circulation Research, 2016, 119,	15.7	
483	Long noncoding RNAs in cancer: mechanisms of action and technological advancements. <b>2016</b> , 15, 43		308
482	Role of long non-coding RNA-RNCR3 in atherosclerosis-related vascular dysfunction. <b>2016</b> , 7, e2248		161
481	Environmental Health and Long Non-coding RNAs. <b>2016</b> , 3, 178-87		64
480	RNA Regulation of Lipotoxicity and Metabolic Stress. <b>2016</b> , 65, 1816-23		14
479	MicroRNA-150 regulates blood-brain barrier permeability via Tie-2 after permanent middle cerebral artery occlusion in rats. <b>2016</b> , 30, 2097-107		59
478	LncRNA MIAT: Myocardial infarction associated and more. <b>2016</b> , 578, 158-61		73
477	Long noncoding RNA-MEG3 is involved in diabetes mellitus-related microvascular dysfunction. <b>2016</b> , 471, 135-41		133
476	A novel long non-coding RNA CYP4B1-PS1-001 regulates proliferation and fibrosis in diabetic nephropathy. <b>2016</b> , 426, 136-45		92
475	The 10 Most Read Articles Published in Circulation Research in 2015. <i>Circulation Research</i> , <b>2016</b> , 118, 923-927	15.7	
474	Myocardial Infarction-Associated Transcript, a Long Noncoding RNA, Is Overexpressed During Dilated Cardiomyopathy Due to Chronic Chagas Disease. <b>2016</b> , 214, 161-5		33
473	Long Noncoding RNAs: From Clinical Genetics to Therapeutic Targets?. <b>2016</b> , 67, 1214-1226		287
472	LncRNAs: key players and novel insights into cervical cancer. <b>2016</b> , 37, 2779-88		148
471	Circulating microRNA Biomarkers of Diabetic Retinopathy. <b>2016</b> , 65, 22-4		45
470	The progress in understanding and treatment of diabetic retinopathy. <b>2016</b> , 51, 156-86		449
469	Long Noncoding RNA-Sox2OT Knockdown Alleviates Diabetes Mellitus-Induced Retinal Ganglion Cell (RGC) injury. <b>2017</b> , 37, 361-369		56
468	Long non-coding RNA: Functional agent for disease traits. <b>2017</b> , 14, 522-535		50

#### (2017-2017)

467	susceptibility in Chinese people. <b>2017</b> , 55, 38-46		76
466	Protein Interactions at Endothelial Junctions and Signaling Mechanisms Regulating Endothelial Permeability. <i>Circulation Research</i> , <b>2017</b> , 120, 179-206	15.7	214
465	Global Prioritizing Disease Candidate lncRNAs via a Multi-level Composite Network. <b>2017</b> , 7, 39516		35
464	MicroRNA-150 targets ELK1 and modulates the apoptosis induced by ox-LDL in endothelial cells. <b>2017</b> , 429, 45-58		27
463	MIAT Is a Pro-fibrotic Long Non-coding RNA Governing Cardiac Fibrosis in Post-infarct Myocardium. <b>2017</b> , 7, 42657		128
462	Lnc-mg is a long non-coding RNA that promotes myogenesis. <b>2017</b> , 8, 14718		123
461	Long non-coding RNA MIAT acts as a biomarker in diabetic retinopathy by absorbing and regulating cell apoptosis. <b>2017</b> , 37,		52
460	Regulation of microvascularization in heart failure - an endothelial cell, non-coding RNAs and exosome liaison. <b>2017</b> , 2, 45-55		13
459	CASC2c as an unfavorable prognosis factor interacts with miR-101 to mediate astrocytoma tumorigenesis. <b>2017</b> , 8, e2639		23
458	Crocin Inhibits Oxidative Stress and Pro-inflammatory Response of Microglial Cells Associated with Diabetic Retinopathy Through the Activation of PI3K/Akt Signaling Pathway. <b>2017</b> , 61, 581-589		65
457	Analysis of cancer-related lncRNAs using gene ontology and KEGG pathways. 2017, 76, 27-36		74
456	Precise long non-coding RNA modulation in visual maintenance and impairment. <b>2017</b> , 54, 450-459		20
455	Let-7e modulates the inflammatory response in vascular endothelial cells through ceRNA crosstalk. <b>2017</b> , 7, 42498		47
454	Long noncoding RNAs in the pathogenesis of diabetic kidney disease: implications for novel therapeutic strategies. <b>2017</b> , 14, 271-278		29
453	Downregulation of the Long Non-Coding RNA Meg3 Promotes Angiogenesis After Ischemic Brain Injury by Activating Notch Signaling. <b>2017</b> , 54, 8179-8190		88
452	RNCR3: A regulator of diabetes mellitus-related retinal microvascular dysfunction. <b>2017</b> , 482, 777-783		30
451	Long noncoding RNAs: emerging regulators of tumor angiogenesis. <b>2017</b> , 13, 1551-1562		34
450	Perspectives of long non-coding RNAs in cancer. <b>2017</b> , 44, 203-218		71

449	PVT1 affects growth of glioma microvascular endothelial cells by negatively regulating miR-186. <b>2017</b> , 39, 1010428317694326	63
448	Knockdown of long non-coding RNA XIST increases blood-tumor barrier permeability and inhibits glioma angiogenesis by targeting miR-137. <b>2017</b> , 6, e303	81
447	Circulating long non-coding RNAs NRON and MHRT as novel predictive biomarkers of heart failure. <b>2017</b> , 21, 1803-1814	65
446	Roles of miRNAs and long noncoding RNAs in the progression of diabetic retinopathy. <b>2017</b> , 37,	66
445	Long non-coding RNAs in the atherosclerotic plaque. <b>2017</b> , 266, 176-181	70
444	Long Non Coding RNA Biology. <b>2017</b> ,	9
443	Circular Noncoding RNA HIPK3 Mediates Retinal Vascular Dysfunction in Diabetes Mellitus. <b>2017</b> , 136, 1629-1642	305
442	LncRNA ZNF503-AS1 promotes RPE differentiation by downregulating ZNF503 expression. <b>2017</b> , 8, e3046	31
441	Cardiovascular Disease and Long Noncoding RNAs: Tools for Unraveling the Mystery Lnc-ing RNA and Phenotype. <b>2017</b> , 10, e001556	13
440	Long Noncoding RNAs in Mammalian Development and Diseases. <b>2017</b> , 1008, 155-198	28
439	lncRNA MIAT functions as a competing endogenous RNA to upregulate DAPK2 by sponging miR-22-3p in diabetic cardiomyopathy. <b>2017</b> , 8, e2929	120
438	Long non-coding RNA MIAT knockdown promotes osteogenic differentiation of human adipose-derived stem cells. <b>2017</b> , 41, 33-41	41
437	Long noncoding RNA metastasis-associated lung adenocarcinoma transcript 1 (MALAT1): A molecular predictor of poor survival in glioblastoma multiforme in Egyptian patients. <b>2017</b> , 18, 231-239	16
436	Emerging roles and mechanisms of long noncoding RNAs in atherosclerosis. <b>2017</b> , 228, 570-582	61
435	Regulatory non-coding RNAs in acute myocardial infarction. <b>2017</b> , 21, 1013-1023	58
434	Long non-coding RNAs on the stage of cervical cancer (Review). <b>2017</b> , 38, 1923-1931	53
433	SNHG15 affects the growth of glioma microvascular endothelial cells by negatively regulating miR-153. <b>2017</b> , 38, 3265-3277	46
432	Preliminary screening and identification of differentially expressed metastasis-related ncRNAs in ovarian cancer. <b>2018</b> , 15, 368-374	10

## (2018-2017)

431	Long Noncoding RNA Kcna2 Antisense RNA Contributes to Ventricular Arrhythmias via Silencing Kcna2 in Rats With Congestive Heart Failure. <b>2017</b> , 6,	24
430	A Brief History of Blood and Lymphatic Vessels. <b>2017</b> ,	O
429	The long non-coding RNA MIAT regulates zinc finger E-box binding homeobox 1 expression by sponging miR-150 and promoteing cell invasion in non-small-cell lung cancer. <b>2017</b> , 633, 61-65	55
428	Non-coding RNA Contribution to Thoracic and Abdominal Aortic Aneurysm Disease Development and Progression. <b>2017</b> , 8, 429	43
427	LncRNA Structural Characteristics in Epigenetic Regulation. <b>2017</b> , 18,	80
426	Long Noncoding RNAs as Diagnostic and Therapeutic Targets in Type 2 Diabetes and Related Complications. <b>2017</b> , 8,	53
425	LncRNA as a Therapeutic Target for Angiogenesis. <b>2017</b> , 17, 1750-1757	149
424	LncRNAs: From Basic Research to Medical Application. <b>2017</b> , 13, 295-307	64
423	Silencing Of Circular RNA-ZNF609 Ameliorates Vascular Endothelial Dysfunction. <b>2017</b> , 7, 2863-2877	156
422	C1q/TNF-Related Protein-9 Ameliorates Ox-LDL-Induced Endothelial Dysfunction via PGC-1#AMPK-Mediated Antioxidant Enzyme Induction. <b>2017</b> , 18,	30
421	MicroRNAs in control of gene regulatory programs in diabetic vasculopathy. <b>2017</b> , 22, 451-464	
420	A Critical Analysis of the Available and Methods to Study Retinal Angiogenesis. <b>2017</b> , 2017, 3034953	17
419	Decoding Noncoding RNAs: Role of MicroRNAs and Long Noncoding RNAs in Ocular Neovascularization. <b>2017</b> , 7, 3155-3167	26
418	The Long Noncoding RNA Landscape of the Mouse Eye. <b>2017</b> , 58, 6308-6317	15
417	Identification of lncRNAs involved in biological regulation in early age-related macular degeneration. <b>2017</b> , 12, 7589-7602	22
416	Diabetic retinopathy: reversibility of epigenetic modifications and new therapeutic targets. <b>2017</b> , 7, 42	20
415	LncRNAs: key players and novel insights into diabetes mellitus. <b>2017</b> , 8, 71325-71341	54
414	Long noncoding RNA Gomafu upregulates Foxo1 expression to promote hepatic insulin resistance by sponging miR-139-5p. <b>2018</b> , 9, 289	25

413	Long Noncoding RNAs: New Players in the Osteogenic Differentiation of Bone Marrow- and Adipose-Derived Mesenchymal Stem Cells. <b>2018</b> , 14, 297-308	36
412	Long non-coding RNA BC168687 small interfering RNA reduces high glucose and high free fatty acid-induced expression of P2X7 receptors in satellite glial cells. <b>2018</b> , 17, 5851-5859	16
411	Downregulation of the long non-coding RNA XLOC_010588 inhibits the invasion and migration of colorectal cancer. <b>2018</b> , 39, 1619-1630	11
410	LncRNA ENST00113 promotes proliferation, survival, and migration by activating PI3K/Akt/mTOR signaling pathway in atherosclerosis. <b>2018</b> , 97, e0473	49
409	The investigations of genetic determinants of the metabolic syndrome. <b>2018</b> , 12, 783-789	13
408	RNA Biology in Retinal Development and Disease. <b>2018</b> , 34, 341-351	21
407	Long non-coding RNA nuclear paraspeckle assembly transcript 1 inhibits the apoptosis of retina Mller cells after diabetic retinopathy through regulating miR-497/brain-derived neurotrophic factor axis. <b>2018</b> , 15, 204-213	9
406	LncRNA MIAT facilitated BM-MSCs differentiation into endothelial cells and restored erectile dysfunction via targeting miR-200a in a rat model of erectile dysfunction. <b>2018</b> , 97, 180-189	20
405	GAS5 silencing protects against hypoxia/ischemia-induced neonatal brain injury. 2018, 497, 285-291	28
404	A systematic analysis highlights multiple long non-coding RNAs associated with cardiometabolic disorders. <b>2018</b> , 63, 431-446	14
403	MIAT lncRNA is overexpressed in breast cancer and its inhibition triggers senescence and G1 arrest in MCF7 cell line. <b>2018</b> , 119, 6470-6481	52
402	Long non-coding RNA MEG3 silencing protects against light-induced retinal degeneration. <b>2018</b> , 496, 1236-1242	19
401	Enhancer-associated long non-coding RNA LEENE regulates endothelial nitric oxide synthase and endothelial function. <b>2018</b> , 9, 292	86
400	PIWIL1/piRNA-DQ593109 Regulates the Permeability of the Blood-Tumor Barrier via the MEG3/miR-330-5p/RUNX3 Axis. <b>2018</b> , 10, 412-425	41
399	Noncoding RNAs in Cardiovascular Disease: Pathological Relevance and Emerging Role as Biomarkers and Therapeutics. <b>2018</b> , 31, 150-165	58
398	Long non-coding RNA MIAT in development and disease: a new player in an old game. <b>2018</b> , 25, 23	60
397	Uncovering novel landscape of cardiovascular diseases and therapeutic targets for cardioprotection via long noncoding RNA-miRNA-mRNA axes. <b>2018</b> , 10, 661-671	38
396	Loss of AZIN2 splice variant facilitates endogenous cardiac regeneration. <b>2018</b> , 114, 1642-1655	46

## (2018-2018)

395	Long noncoding RNA BDNF-AS inversely regulated BDNF and modulated high-glucose induced apoptosis in human retinal pigment epithelial cells. <b>2018</b> , 119, 817-823	32
394	Long Noncoding RNAs and Cardiac Disease. <b>2018</b> , 29, 880-901	38
393	Epigenetics and cardiovascular regenerative medicine in the elderly. 2018, 250, 207-214	29
392	Peripheral Blood Leukocyte Expression of lncRNA MIAT and Its Diagnostic and Prognostic Value in Ischemic Stroke. <b>2018</b> , 27, 326-337	60
391	Long Noncoding RNAs in Diabetes and Diabetic Complications. <b>2018</b> , 29, 1064-1073	46
390	LncRNA myocardial infarction-associated transcript (MIAT) contributed to cardiac hypertrophy by regulating TLR4 via miR-93. <b>2018</b> , 818, 508-517	76
389	lncRNA MIAT promotes proliferation and invasion of HCC cells via sponging miR-214. <b>2018</b> , 314, G559-G565	64
388	MIAT promotes proliferation and hinders apoptosis by modulating miR-181b/STAT3 axis in ox-LDL-induced atherosclerosis cell models. <b>2018</b> , 97, 1078-1085	55
387	Pro-Angiogenic Activity of Monocytic-Type Myeloid-Derived Suppressor Cells from Balb/C Mice Infected with Echinococcus Granulosus and the Regulatory Role of miRNAs. <b>2018</b> , 51, 1207-1220	3
386	Long non-coding RNAs in hematological malignancies: translating basic techniques into diagnostic and therapeutic strategies. <b>2018</b> , 11, 131	24
385	Into the Wild: GWAS Exploration of Non-coding RNAs. <b>2018</b> , 5, 181	49
384	Long non-coding RNA MIAT competitively binds miR-150-5p to regulate ZEB1 expression in osteosarcoma. <b>2019</b> , 17, 1229-1236	13
383	Long non-coding RNAs in cancer: Another layer of complexity. <b>2019</b> , 21, e3065	55
382	Down-regulation of lncRNA OGFRP1 induces autophagy and growth inhibition by AKT/mTOR signaling pathway in HCAECs. <b>2019</b> , 43, 158-166	8
381	Non-coding RNA in Ischemic and Non-ischemic Cardiomyopathy. <b>2018</b> , 20, 115	10
380	Long noncoding RNA TCONS_00024652 regulates vascular endothelial cell proliferation and angiogenesis via microRNA-21. <b>2018</b> , 16, 3309-3316	18
379	Human circular RNA-0054633 regulates high glucose-induced vascular endothelial cell dysfunction through the microRNA-218/roundabout 1 and microRNA-218/heme oxygenase-1 axes. <b>2018</b> , 42, 597-606	28
378	Long Non-Coding RNA H19 Regulates Human Lens Epithelial Cells Function. <b>2018</b> , 50, 246-260	11

377	Varinostat Alters Gene Expression Profiles in Aortic Tissues from ApoE Mice. <b>2018</b> , 29, 214-225	7
376	Suppression of lncRNA-ATB prevents amyloid-Induced neurotoxicity in PC12 cells via regulating miR-200/ZNF217 axis. <b>2018</b> , 108, 707-715	27
375	The suppression of ox-LDL-induced inflammatory cytokine release and apoptosis of HCAECs by long non-coding RNA-MALAT1 via regulating microRNA-155/SOCS1 pathway. <b>2018</b> , 28, 1175-1187	47
374	RBPs Play Important Roles in Vascular Endothelial Dysfunction Under Diabetic Conditions. <b>2018</b> , 9, 1310	12
373	Endothelial dysfunction in diabetes and hypertension: Role of microRNAs and long non-coding RNAs. <b>2018</b> , 213, 258-268	64
372	LncRNA myocardial infarction-associated transcript promotes cell proliferation and inhibits cell apoptosis by targeting miR-330-5p in epithelial ovarian cancer cells. <b>2018</b> , 14, 1263-1270	18
371	Comparative Analysis of Long Noncoding RNAs Expressed during Intramuscular Adipocytes Adipogenesis in Fat-Type and Lean-Type Pigs. <b>2018</b> , 66, 12122-12130	19
370	Global identification and characterization of lncRNAs that control inflammation in malignant cholangiocytes. <b>2018</b> , 19, 735	16
369	Angiogenic lncRNAs: A potential therapeutic target for ischaemic heart disease. 2018, 211, 157-171	13
368	The novel regulatory role of lncRNA-miRNA-mRNA axis in cardiovascular diseases. <b>2018</b> , 22, 5768-5775	211
367	Effect of silencing lncRNATUG1 on rapamycin-induced inhibition of endothelial cell proliferation and migration. <b>2018</b> , 16, 1891-1899	3
366	Long non-coding RNAs in esophageal cancer: molecular mechanisms, functions, and potential applications. <b>2018</b> , 11, 118	42
365	Long non-coding RNAs in coronary atherosclerosis. <b>2018</b> , 211, 189-197	13
364	Dysregulation of lncRNAs GM5524 and GM15645 involved in high-glucose-induced podocyte apoptosis and autophagy in diabetic nephropathy. <b>2018</b> , 18, 3657-3664	28
363		28
	apoptosis and autophagy in diabetic nephropathy. <b>2018</b> , 18, 3657-3664  Long noncoding RNAs: A new player in the prevention and treatment of diabetic cardiomyopathy?.	14
363	apoptosis and autophagy in diabetic nephropathy. <b>2018</b> , 18, 3657-3664  Long noncoding RNAs: A new player in the prevention and treatment of diabetic cardiomyopathy?. <b>2018</b> , 34, e3056  Non-coding RNAs in vascular disease - from basic science to clinical applications: scientific update	14

#### (2018-2018)

359	Long noncoding RNA MIAT regulates apoptosis and the apoptotic response to chemotherapeutic agents in breast cancer cell lines. <b>2018</b> , 38,		22
358	Fabrication of a nano polymer wrapping Meg3 ShRNA plasmid for the treatment of cerebral infarction. <b>2018</b> , 46, 894-903		8
357	Diabetes Mellitus-Induced Long Noncoding RNA Dnm3os Regulates Macrophage Functions and Inflammation via Nuclear Mechanisms. <b>2018</b> , 38, 1806-1820		50
356	The lncRNA myocardial infarction associated transcript-centric competing endogenous RNA network in non-small-cell lung cancer. <b>2018</b> , 10, 1155-1162		12
355	The Nrf2 Signaling in Retinal Ganglion Cells under Oxidative Stress in Ocular Neurodegenerative Diseases. <b>2018</b> , 14, 1090-1098		36
354	Silencing of Long Non-coding RNA MIAT Sensitizes Lung Cancer Cells to Gefitinib by Epigenetically Regulating miR-34a. <b>2018</b> , 9, 82		44
353	Long Non-coding RNAs in Endothelial Biology. <b>2018</b> , 9, 522		15
352	Angio-LncRs: LncRNAs that regulate angiogenesis and vascular disease. <b>2018</b> , 8, 3654-3675		116
351	Long noncoding RNA myocardial infarction-associated transcript is associated with the microRNA-150-5p/P300 pathway in cardiac hypertrophy. <b>2018</b> , 42, 1265-1272		22
350	Role of lncRNAs in aging and age-related diseases. <b>2018</b> , 1, 158-175		33
350 349	Role of IncRNAs in aging and age-related diseases. <b>2018</b> , 1, 158-175  Upregulation of MIAT Regulates LOXL2 Expression by Competitively Binding MiR-29c in Clear Cell Renal Cell Carcinoma. <b>2018</b> , 48, 1075-1087		33 37
	Upregulation of MIAT Regulates LOXL2 Expression by Competitively Binding MiR-29c in Clear Cell		
349	Upregulation of MIAT Regulates LOXL2 Expression by Competitively Binding MiR-29c in Clear Cell Renal Cell Carcinoma. <b>2018</b> , 48, 1075-1087  Genome-wide analysis of differentially expressed profiles of mRNAs, lncRNAs and circRNAs during		37
349	Upregulation of MIAT Regulates LOXL2 Expression by Competitively Binding MiR-29c in Clear Cell Renal Cell Carcinoma. <b>2018</b> , 48, 1075-1087  Genome-wide analysis of differentially expressed profiles of mRNAs, lncRNAs and circRNAs during Cryptosporidium baileyi infection. <b>2018</b> , 19, 356  The Big Entity of New RNA World: Long Non-Coding RNAs in Microvascular Complications of		37
349 348 347	Upregulation of MIAT Regulates LOXL2 Expression by Competitively Binding MiR-29c in Clear Cell Renal Cell Carcinoma. 2018, 48, 1075-1087  Genome-wide analysis of differentially expressed profiles of mRNAs, lncRNAs and circRNAs during Cryptosporidium baileyi infection. 2018, 19, 356  The Big Entity of New RNA World: Long Non-Coding RNAs in Microvascular Complications of Diabetes. 2018, 9, 300  Molecular Regulatory Pathways Link Sepsis With Metabolic Syndrome: Non-coding RNA Elements	15.7	37 18 27
349 348 347 346	Upregulation of MIAT Regulates LOXL2 Expression by Competitively Binding MiR-29c in Clear Cell Renal Cell Carcinoma. 2018, 48, 1075-1087  Genome-wide analysis of differentially expressed profiles of mRNAs, lncRNAs and circRNAs during Cryptosporidium baileyi infection. 2018, 19, 356  The Big Entity of New RNA World: Long Non-Coding RNAs in Microvascular Complications of Diabetes. 2018, 9, 300  Molecular Regulatory Pathways Link Sepsis With Metabolic Syndrome: Non-coding RNA Elements Underlying the Sepsis/Metabolic Cross-Talk. 2018, 11, 189	15.7	37 18 27
349 348 347 346 345	Upregulation of MIAT Regulates LOXL2 Expression by Competitively Binding MiR-29c in Clear Cell Renal Cell Carcinoma. 2018, 48, 1075-1087  Genome-wide analysis of differentially expressed profiles of mRNAs, lncRNAs and circRNAs during Cryptosporidium baileyi infection. 2018, 19, 356  The Big Entity of New RNA World: Long Non-Coding RNAs in Microvascular Complications of Diabetes. 2018, 9, 300  Molecular Regulatory Pathways Link Sepsis With Metabolic Syndrome: Non-coding RNA Elements Underlying the Sepsis/Metabolic Cross-Talk. 2018, 11, 189  RNA Therapeutics in Cardiovascular Disease. Circulation Research, 2018, 123, 205-220	15.7	37 18 27 13 86

341	Analyses of long non-coding RNA and mRNA profiles in right ventricle myocardium of acute right heart failure in pulmonary arterial hypertension rats. <b>2018</b> , 106, 1108-1115	14
340	The salient role of microRNAs in atherogenesis. <b>2018</b> , 122, 98-113	20
339	Long noncoding RNA MALAT1 acts as a competing endogenous RNA to regulate Amadori-glycated albumin-induced MCP-1 expression in retinal microglia by a microRNA-124-dependent mechanism. <b>2018</b> , 67, 913-925	11
338	LncRNA DGCR5 suppresses neuronal apoptosis to improve acute spinal cord injury through targeting PRDM5. <b>2018</b> , 17, 1992-2000	23
337	Long Noncoding RNAs of the Arterial Wall as Therapeutic Agents and Targets in Atherosclerosis. <b>2019</b> , 119, 1222-1236	8
336	Long noncoding RNA IGF2AS regulates high-glucose induced apoptosis in human retinal pigment epithelial cells. <b>2019</b> , 71, 1611-1618	13
335	Long noncoding RNA HAGLROS regulates apoptosis and autophagy in Parkinson's disease via regulating miR-100/ATG10 axis and PI3K/Akt/mTOR pathway activation. <b>2019</b> , 47, 2764-2774	48
334	Vitamin D (1,25-(OH)D) regulates the gene expression through competing endogenous RNAs networks in high glucose-treated endothelial progenitor cells. <b>2019</b> , 193, 105425	7
333	Deciphering the role of circulating lncRNAs: RNCR2, NEAT2, CDKN2B-AS1, and PVT1 and the possible prediction of anti-VEGF treatment outcomes in diabetic retinopathy patients. <b>2019</b> , 257, 1897-1913	17
332	Circulating lncRNA ABHD11-AS1 serves as a biomarker for early pancreatic cancer diagnosis. <b>2019</b> , 10, 3746-3756	39
331	Diabetic Retinopathy, lncRNAs, and Inflammation: A Dynamic, Interconnected Network. 2019, 8,	25
330	MALAT1 rs664589 Polymorphism Inhibits Binding to miR-194-5p, Contributing to Colorectal Cancer Risk, Growth, and Metastasis. <b>2019</b> , 79, 5432-5441	44
329	C-myc contributes to the release of Mller cells-derived proinflammatory cytokines by regulating lncRNA MIAT/XNIP pathway. <b>2019</b> , 114, 105574	15
328	Long noncoding RNA LINC02418 regulates MELK expression by acting as a ceRNA and may serve as a diagnostic marker for colorectal cancer. <b>2019</b> , 10, 568	43
327	Long non-coding RNAs as new regulators of cardiac electrophysiology and arrhythmias: Molecular mechanisms, therapeutic implications and challenges. <b>2019</b> , 203, 107389	27
326	Transcriptome analysis identified a novel 3-LncRNA regulatory network of transthyretin attenuating glucose induced hRECs dysfunction in diabetic retinopathy. <b>2019</b> , 12, 134	7
325	The Long Non-Coding RNA Landscape of Atherosclerotic Plaques. <b>2019</b> , 23, 735-749	11
324	Musculoskeletal Symptomatic Areas After Total Knee Replacement for Osteoarthritis. <b>2019</b> , 1, 373-381	2

323	The Regulatory Role of Long Noncoding RNAs in Different Brain Cell Types Involved in Ischemic Stroke. <b>2019</b> , 12, 61	18
322	Long noncoding RNA MIAT promotes the progression of acute myeloid leukemia by negatively regulating miR-495. <b>2019</b> , 87, 106265	14
321	LncRNA TNK2-AS1 regulated ox-LDL-stimulated HASMC proliferation and migration via modulating VEGFA and FGF1 expression by sponging miR-150-5p. <b>2019</b> , 23, 7289-7298	19
320	Non-coding RNAs in cardiovascular cell biology and atherosclerosis. <b>2019</b> , 115, 1732-1756	60
319	Epigenetic Modification in Coronary Atherosclerosis: JACC Review Topic of the Week. <b>2019</b> , 74, 1352-1365	27
318	Integrative analysis of the contribution of mRNAs and long non-coding RNAs to the pathogenesis of asthma. <b>2019</b> , 20, 2617-2624	6
317	Nucleic acid-based theranostics in type 1 diabetes. <b>2019</b> , 214, 50-61	3
316	A Brief Overview of lncRNAs in Endothelial Dysfunction-Associated Diseases: From Discovery to Characterization <b>2019</b> , 3,	
315	The deficiency of miR-214-3p exacerbates cardiac fibrosis via miR-214-3p/NLRC5 axis. <b>2019</b> , 133, 1845-1856	15
314	Downregulated lncRNA-MIAT confers protection against erectile dysfunction by downregulating lipoprotein lipase via activation of miR-328a-5p in diabetic rats. <b>2019</b> , 1865, 1226-1240	8
313	Long non-coding RNAs MALAT1, MIAT and ANRIL gene expression profiles in beta-thalassemia patients: a cross-sectional analysis. <b>2019</b> , 24, 308-317	4
312	The role of the LncRNA-FA2H-2-MLKL pathway in atherosclerosis by regulation of autophagy flux and inflammation through mTOR-dependent signaling. <b>2019</b> , 26, 1670-1687	76
311	Epigenetics and vascular diseases. <b>2019</b> , 133, 148-163	21
310	Silence of lncRNA MIAT protects ATDC5 cells against lipopolysaccharides challenge via up-regulating miR-132. <b>2019</b> , 47, 2521-2527	12
309	Endothelial function and dysfunction in the cardiovascular system: the long non-coding road. <b>2019</b> , 115, 1692-1704	24
308	Long noncoding RNA: an emerging player in diabetes and diabetic kidney disease. <b>2019</b> , 133, 1321-1339	52
307	Long Non-coding RNAs in Vascular Health and Disease. <b>2019</b> , 151-179	
306	Up-regulation of MIAT aggravates the atherosclerotic damage in atherosclerosis mice through the activation of PI3K/Akt signaling pathway. <b>2019</b> , 26, 641-649	31

305	Overexpression of lncRNA Gm2691 attenuates apoptosis and inflammatory response after myocardial infarction through PI3K/Akt signaling pathway. <b>2019</b> , 71, 1561-1570	11
304	Microarray Analysis of Long Non-Coding RNAs and Messenger RNAs in a Mouse Model of Oxygen-Induced Retinopathy. <b>2019</b> , 16, 537-547	10
303	A novel lncRNA n384546 promotes thyroid papillary cancer progression and metastasis by acting as a competing endogenous RNA of miR-145-5p to regulate AKT3. <b>2019</b> , 10, 433	33
302	Molecular Biology of Long Non-coding RNAs. <b>2019</b> ,	1
301	Long Noncoding RNA: Genomics and Relevance to Physiology. <b>2019</b> , 9, 933-946	13
300	Association of long non-coding RNA MIAT and MALAT1 expression profiles in peripheral blood of coronary artery disease patients with previous cardiac events. <b>2019</b> , 42, 509-518	16
299	Long non-coding RNA: Classification, biogenesis and functions in blood cells. <b>2019</b> , 112, 82-92	151
298	Circular RNAs: Novel Promising Biomarkers in Ocular Diseases. <b>2019</b> , 16, 513-518	34
297	Long noncoding RNA SNHG7 inhibits high glucose-induced human retinal endothelial cells angiogenesis by regulating miR-543/SIRT1 axis. <b>2019</b> , 514, 503-509	30
296	Identification of lncRNA competitively regulated subpathways in myocardial infarction. <b>2019</b> , 17, 3041-3046	O
295	Angiogenic Endothelial Cell Signaling in Cardiac Hypertrophy and Heart Failure. 2019, 6, 20	59
294	Long Non-Coding RNA in Vascular Disease and Aging. <b>2019</b> , 5,	12
293	Effects of annexin A7 inhibitor-ABO on the expression and distribution of long noncoding RNA-CERNA1 in vascular endothelial cells apoptosis. <b>2019</b> , 24, 552-561	3
292	Long non-coding RNAs in vascular biology and disease. <b>2019</b> , 114, 13-22	36
291	The function of long non-coding RNAs in vascular biology and disease. <b>2019</b> , 114, 23-30	22
290	Long noncoding RNA TALNEC2 regulates myocardial ischemic injury in H9c2 cells by regulating miR-21/PDCD4-medited activation of Wnt/Eatenin pathway. <b>2019</b> , 120, 12912-12923	13
290		13 5

287	Targeting MIAT reduces apoptosis of cardiomyocytes after ischemia/reperfusion injury. <b>2019</b> , 10, 121-132	41
286	Bortezomib-inducible long non-coding RNA myocardial infarction associated transcript is an oncogene in multiple myeloma that suppresses miR-29b. <b>2019</b> , 10, 319	20
285	Long non-coding RNAs in ocular diseases: new and potential therapeutic targets. <b>2019</b> , 286, 2261-2272	26
284	Long Non-coding RNAs Rian and Miat Mediate Myofibroblast Formation in Kidney Fibrosis. <b>2019</b> , 10, 215	34
283	RELA promotes hypoxia-induced angiogenesis in human umbilical vascular endothelial cells via LINC01693/miR-302d/CXCL12 axis. <b>2019</b> , 120, 12549-12558	9
282	KCNQ1OT1 promotes autophagy by regulating miR-200a/FOXO3/ATG7 pathway in cerebral ischemic stroke. <b>2019</b> , 18, e12940	64
281	Multi-Omics Approaches to Study Long Non-coding RNA Function in Atherosclerosis. <b>2019</b> , 6, 9	14
280	KCNQ1OT1 affects the progression of diabetic retinopathy by regulating miR-1470 and epidermal growth factor receptor. <b>2019</b> , 234, 17269-17279	19
279	LncRNA MIAT sponges miR-149-5p to inhibit efferocytosis in advanced atherosclerosis through CD47 upregulation. <b>2019</b> , 10, 138	94
278	Transcriptome analysis-identified long noncoding RNA CRNDE in maintaining endothelial cell proliferation, migration, and tube formation. <b>2019</b> , 9, 19548	3
277	A Novel Long Noncoding RNA, lncR-125b, Promotes the Differentiation of Goat Skeletal Muscle Satellite Cells by Sponging miR-125b. <b>2019</b> , 10, 1171	8
276	Advanced glycation end products of bovine serum albumin affect the cell growth of human umbilical vein endothelial cells via modulation of MEG3/miR-93/p21 pathway. <b>2019</b> , 51, 41-50	3
275	Long noncoding RNA MALAT1 promotes high glucose-induced human endothelial cells pyroptosis by affecting NLRP3 expression through competitively binding miR-22. <b>2019</b> , 509, 359-366	56
274	LncRNA MIAT overexpression reduced neuron apoptosis in a neonatal rat model of hypoxic-ischemic injury through miR-211/GDNF. <b>2019</b> , 18, 156-166	23
273	New progress in the approaches for blood-brain barrier protection in acute ischemic stroke. <b>2019</b> , 144, 46-57	44
272	Targeting epigenetics and non-coding RNAs in atherosclerosis: from mechanisms to therapeutics. <b>2019</b> , 196, 15-43	66
271	Endometrial Epithelial Cell Apoptosis Is Inhibited by a ciR8073-miR181a-Neurotensis Pathway during Embryo Implantation. <b>2019</b> , 14, 262-273	13
270	Coregulatory long non-coding RNA and protein-coding genes in serum starved cells. <b>2019</b> , 1862, 84-95	4

269	Non-coding RNAs in vascular remodeling and restenosis. <b>2019</b> , 114, 49-63	27
268	Long noncoding RNA Hoxaas3 contributes to hypoxia-induced pulmonary artery smooth muscle cell proliferation. <b>2019</b> , 115, 647-657	32
267	LncRNA882 regulates leukemia inhibitory factor (LIF) by sponging miR-15b in the endometrial epithelium cells of dairy goat. <b>2019</b> , 234, 4754-4767	6
266	Microarray analysis of long non-coding RNA and mRNA expression profiles in diabetic cardiomyopathy using human induced pluripotent stem cell-derived cardiomyocytes. <b>2019</b> , 16, 57-68	8
265	Role of flow-sensitive microRNAs and long noncoding RNAs in vascular dysfunction and atherosclerosis. <b>2019</b> , 114, 76-92	63
264	Noncoding RNAs in the Vascular System Response to Oxidative Stress. <b>2019</b> , 30, 992-1010	23
263	Non-coding RNA regulation of endothelial and macrophage functions during atherosclerosis. <b>2019</b> , 114, 64-75	39
262	LncRNAs in vascular biology and disease. <b>2019</b> , 114, 145-156	86
261	Linking diabetic vascular complications with LncRNAs. <b>2019</b> , 114, 139-144	22
260	Long non-coding RNAs: A crucial part of the vasculature puzzle. <b>2019</b> , 114, 131-138	5
259	Long non-coding RNA MALAT1 and microRNA-499a expression profiles in diabetic ESRD patients undergoing dialysis: a preliminary cross-sectional analysis. <b>2020</b> , 126, 172-182	19
258	Genome-wide identification and prediction of long non-coding RNAs in half-smooth tongue sole Cynoglossus semilaevis. <b>2020</b> , 38, 226-235	1
257	Long noncoding RNA promotes autophagy and apoptosis via sponging and in high glucose-induced vascular endothelial cells. <b>2020</b> , 16, 70-85	39
256	Long noncoding MIAT acting as a ceRNA to sponge microRNA-204-5p to participate in cerebral microvascular endothelial celllinjury after cerebral ischemia through regulating HMGB1. <b>2020</b> , 235, 4571-4586	25
255	Evaluation of transcriptional levels of the natriuretic peptides, endothelin-1, adrenomedullin, their receptors and long non-coding RNAs in rat cardiac tissue as cardiovascular biomarkers of aging. <b>2020</b> , 123, 170173	3
254	Non-coding RNAs in endothelial cell signalling and hypoxia during cardiac regeneration. <b>2020</b> , 1867, 118515	6
253	ANRIL and atherosclerosis. <b>2020</b> , 45, 240-248	15
252	Long non-coding RNAs in cardiac hypertrophy. <b>2020</b> , 25, 1037-1045	7

## (2020-2020)

251	Long noncoding RNA KCNQ1OT1 induces pyroptosis in diabetic corneal endothelial keratopathy. <b>2020</b> , 318, C346-C359	17
250	Long noncoding RNAs: emerging roles in pulmonary hypertension. <b>2020</b> , 25, 795-815	13
249	Comparison of expression profiling of circular RNAs in vitreous humour between diabetic retinopathy and non-diabetes mellitus patients. <b>2020</b> , 57, 479-489	22
248	Long noncoding RNAs in key cellular processes involved in aortic aneurysms. <b>2020</b> , 292, 112-118	18
247	Mechanisms of lncRNA/microRNA interactions in angiogenesis. <b>2020</b> , 254, 116900	91
246	Loss of lncRNA MIAT ameliorates proliferation and fibrosis of diabetic nephropathy through reducing E2F3 expression. <b>2020</b> , 24, 13314-13323	8
245	Ablation of lncRNA MIAT mitigates high glucose-stimulated inflammation and apoptosis of podocyte via miR-130a-3p/TLR4 signaling axis. <b>2020</b> , 533, 429-436	13
244	Regulation of bone marrow mesenchymal stem cell fate by long non-coding RNA. <b>2020</b> , 141, 115617	5
243	Effect and mechanism of the long noncoding RNA MALAT1 on retinal neovascularization in retinopathy of prematurity. <b>2020</b> , 260, 118299	4
242	Knockdown of lncRNA HOXA-AS3 Suppresses the Progression of Atherosclerosis via Sponging miR-455-5p. <b>2020</b> , 14, 3651-3662	5
241	LncRNA MIAT correlates with immune infiltrates and drug reactions in hepatocellular carcinoma. <b>2020</b> , 89, 107071	
	2020, 05, 107071	15
240	Research progress of lncRNAs in diabetic retinopathy. <b>2021</b> , 31, 1606-1617	2
240		15 2 72
	Research progress of lncRNAs in diabetic retinopathy. <b>2021</b> , 31, 1606-1617  Oxidative stress and diabetic retinopathy: Molecular mechanisms, pathogenetic role and	2
239	Research progress of lncRNAs in diabetic retinopathy. 2021, 31, 1606-1617  Oxidative stress and diabetic retinopathy: Molecular mechanisms, pathogenetic role and therapeutic implications. 2020, 37, 101799  MicroRNA expression profile of Lacrimal Glands in rabbit autoimmune dacryoadenitis model. 2020,	72
239	Research progress of lncRNAs in diabetic retinopathy. 2021, 31, 1606-1617  Oxidative stress and diabetic retinopathy: Molecular mechanisms, pathogenetic role and therapeutic implications. 2020, 37, 101799  MicroRNA expression profile of Lacrimal Glands in rabbit autoimmune dacryoadenitis model. 2020, 17, 2879-2887  Analysis of long non-coding RNA expression profiles in high-glucose treated vascular endothelial	2 72 2
239 238 237	Research progress of lncRNAs in diabetic retinopathy. 2021, 31, 1606-1617  Oxidative stress and diabetic retinopathy: Molecular mechanisms, pathogenetic role and therapeutic implications. 2020, 37, 101799  MicroRNA expression profile of Lacrimal Glands in rabbit autoimmune dacryoadenitis model. 2020, 17, 2879-2887  Analysis of long non-coding RNA expression profiles in high-glucose treated vascular endothelial cells. 2020, 20, 107  Long noncoding RNA MIAT promotes non-small cell lung cancer progression by sponging	2 72 2

233	Long Non-coding RNAs (lncRNAs), A New Target in Stroke. <b>2020</b> , 1	1
232	Mechanism underlying increased cardiac extracellular matrix deposition in perinatal nicotine-exposed offspring. <b>2020</b> , 319, H651-H660	5
231	Novel Long Noncoding RNA lnc-URIDS Delays Diabetic Wound Healing by Targeting Plod1. <b>2020</b> , 69, 2144-2156	7
230	The Neat Dance of COVID-19: NEAT1, DANCR, and Co-Modulated Cholinergic RNAs Link to Inflammation. <b>2020</b> , 11, 590870	11
229	Non-coding RNAs and type 2 diabetes mellitus. <b>2020</b> , 1-10	7
228	Diabetic nephropathy alters circulating long noncoding RNA levels that normalize following simultaneous pancreas-kidney transplantation. <b>2020</b> , 20, 3451-3461	6
227	LncRNA CANT1 suppresses retinoblastoma progression by repellinghistone methyltransferase in PI3K[promoter. <b>2020</b> , 11, 306	14
226	Long non-coding RNA MIAT/miR-148b/PAPPA axis modifies cell proliferation and migration in ox-LDL-induced human aorta vascular smooth muscle cells. <b>2020</b> , 256, 117852	7
225	The potential role of lncRNAs in diabetes and diabetic microvascular complications. 2020, 67, 659-668	11
224	The role of long non-coding RNA MIAT in cancers. <b>2020</b> , 129, 110359	13
224	The role of long non-coding RNA MIAT in cancers. 2020, 129, 110359  LncRNA MIAT Promotes Inflammation and Oxidative Stress in Sepsis-Induced Cardiac Injury by Targeting miR-330-5p/TRAF6/NF-B Axis. 2020, 58, 783-800	13 35
	LncRNA MIAT Promotes Inflammation and Oxidative Stress in Sepsis-Induced Cardiac Injury by	
223	LncRNA MIAT Promotes Inflammation and Oxidative Stress in Sepsis-Induced Cardiac Injury by Targeting miR-330-5p/TRAF6/NF-B Axis. 2020, 58, 783-800  Ginsenoside Re Attenuates High Glucose-Induced RF/6A Injury Regulating PI3K/AKT Inhibited	35
223	LncRNA MIAT Promotes Inflammation and Oxidative Stress in Sepsis-Induced Cardiac Injury by Targeting miR-330-5p/TRAF6/NF-B Axis. 2020, 58, 783-800  Ginsenoside Re Attenuates High Glucose-Induced RF/6A Injury Regulating PI3K/AKT Inhibited HIF-1 VEGF Signaling Pathway. 2020, 11, 695  IncRNA MIAT Regulates Cell Growth, Migration, and Invasion Through Sponging miR-150-5p in	35 14 11
223	LncRNA MIAT Promotes Inflammation and Oxidative Stress in Sepsis-Induced Cardiac Injury by Targeting miR-330-5p/TRAF6/NF-B Axis. 2020, 58, 783-800  Ginsenoside Re Attenuates High Glucose-Induced RF/6A Injury Regulating PI3K/AKT Inhibited HIF-1PVEGF Signaling Pathway. 2020, 11, 695  IncRNA MIAT Regulates Cell Growth, Migration, and Invasion Through Sponging miR-150-5p in Ovarian Cancer. 2020, 35, 650-660	35 14 11
223 222 221 220	LncRNA MIAT Promotes Inflammation and Oxidative Stress in Sepsis-Induced Cardiac Injury by Targeting miR-330-5p/TRAF6/NF-B Axis. 2020, 58, 783-800  Ginsenoside Re Attenuates High Glucose-Induced RF/6A Injury Regulating PI3K/AKT Inhibited HIF-1PVEGF Signaling Pathway. 2020, 11, 695  IncRNA MIAT Regulates Cell Growth, Migration, and Invasion Through Sponging miR-150-5p in Ovarian Cancer. 2020, 35, 650-660  Peripheral endothelial dysfunction in myalgic encephalomyelitis/chronic fatigue syndrome. 2020, 7, 1064-107	35 14 11 '120
223 222 221 220 219	LncRNA MIAT Promotes Inflammation and Oxidative Stress in Sepsis-Induced Cardiac Injury by Targeting miR-330-5p/TRAF6/NF-B Axis. 2020, 58, 783-800  Ginsenoside Re Attenuates High Glucose-Induced RF/6A Injury Regulating PI3K/AKT Inhibited HIF-1P/EGF Signaling Pathway. 2020, 11, 695  IncRNA MIAT Regulates Cell Growth, Migration, and Invasion Through Sponging miR-150-5p in Ovarian Cancer. 2020, 35, 650-660  Peripheral endothelial dysfunction in myalgic encephalomyelitis/chronic fatigue syndrome. 2020, 7, 1064-107  Involvement of IncRNAs and Macrophages: Potential Regulatory Link to Angiogenesis. 2020, 2020, 1704631  Downregulation of Long Noncoding RNA MIAT in the Retina of Diabetic Rats with Tail-vein Injection	35 14 11 2120 4

#### (2020-2020)

215	Altered Long Non-coding RNAs Involved in Immunological Regulation and Associated with Choroidal Neovascularization in Mice. <b>2020</b> , 17, 292-301	6
214	Noncoding RNAs in Cardiovascular Disease: Current Knowledge, Tools and Technologies for Investigation, and Future Directions: A Scientific Statement From the American Heart Association. <b>2020</b> , 13, e000062	18
213	Long Noncoding RNA Regulates the Proliferation, Migration, and Apoptosis of Human Venous Endothelial Cells via SMYD3. <b>2020</b> , 2020, 6840234	2
212	Competing Endogenous RNAs, Non-Coding RNAs and Diseases: An Intertwined Story. <b>2020</b> , 9,	37
211	Non-coding RNAs: update on mechanisms and therapeutic targets from the ESC Working Groups of Myocardial Function and Cellular Biology of the Heart. <b>2020</b> , 116, 1805-1819	18
210	Long non-coding RNA XIST regulates hyperglycemia-associated apoptosis and migration in human retinal pigment epithelial cells. <b>2020</b> , 125, 109959	11
209	Rs1894720 polymorphism is associated with the risk of age-related cataract by regulating the proliferation of epithelial cells in the lens via the signalling pathway of MIAT/miR-26b/BCL2L2 <b>2022</b> , 18, 223-236	
208	Mbd2 Mediates Retinal Cell Apoptosis by Targeting the lncRNA Mbd2-AL1/miR-188-3p/Traf3 Axis in Ischemia/Reperfusion Injury. <b>2020</b> , 19, 1250-1265	17
207	LncRNA TDRG1-Mediated Overexpression of VEGF Aggravated Retinal Microvascular Endothelial Cell Dysfunction in Diabetic Retinopathy. <b>2019</b> , 10, 1703	9
206	Long Non-Coding RNAs Regulate Inflammation in Diabetic Peripheral Neuropathy by Acting as ceRNAs Targeting miR-146a-5p. <b>2020</b> , 13, 413-422	9
205	LINC00167 Regulates RPE Differentiation by Targeting the miR-203a-3p/SOCS3 Axis. 2020, 19, 1015-1026	10
204	LncRNA-MIAT-Mediated miR-214-3p Silencing Is Responsible for IL-17 Production and Cardiac Fibrosis in Diabetic Cardiomyopathy. <b>2020</b> , 8, 243	24
203	Effects of Estrogen on Cardiac mRNA and LncRNA Expression Profiles in Hypertensive Mice. <b>2021</b> , 14, 706-727	О
202	hsa_circ_0041795 contributes to human retinal pigment epithelial cells (ARPE 19) injury induced by high glucose via sponging miR-646 and activating VEGFC. <b>2020</b> , 747, 144654	14
201	LncRNA CRNDE affects the proliferation and apoptosis of vascular smooth muscle cells in abdominal aortic aneurysms by regulating the expression of Smad3 by Bcl-3. <b>2020</b> , 19, 1036-1047	4
200	Long non-coding RNA MIAT promotes cervical cancer proliferation and migration. <b>2020</b> , 168, 183-190	10
199	Potential Roles of Long Noncoding RNAs as Therapeutic Targets in Renal Fibrosis. 2020, 21,	8
198	Noncoding RNAs in Vascular Diseases. <i>Circulation Research</i> , <b>2020</b> , 126, 1127-1145	43

197	Analysis of Long Noncoding RNAs in Choroid Neovascularization. <b>2020</b> , 45, 1403-1414	4
196	Recent Advances in Epigenetics of Macrovascular Complications in Diabetes Mellitus. <b>2021</b> , 30, 186-196	5
195	Long noncoding RNA MIAT regulates primary human retinal pericyte pyroptosis by modulating miR-342-3p targeting of CASP1 in diabetic retinopathy. <b>2021</b> , 202, 108300	12
194	Silencing of lncRNA XLOC_035088 Protects Middle Cerebral Artery Occlusion-Induced Ischemic Stroke by Notch1 Signaling. <b>2021</b> , 80, 60-70	3
193	The role of non-coding RNA network in atherosclerosis. <b>2021</b> , 265, 118756	4
192	Functional non-coding RNAs in vascular diseases. <b>2021</b> , 288, 6315-6330	3
191	LncRNA MIAT regulated by selenium and T-2 toxin increases NF- <b>B</b> -p65 activation, promoting the progress of Kashin-Beck Disease. <b>2021</b> , 40, 869-881	6
190	Ablation of lncRNA attenuates pathological hypertrophy and heart failure. <b>2021</b> , 11, 7995-8007	4
189	Epigenetics in ocular medicine. <b>2021</b> , 347-373	
188	Long Non-coding RNA MIAT Knockdown Prevents the Formation of Intracranial Aneurysm by Downregulating ENC1 via MYC. <b>2020</b> , 11, 572605	3
187	Long noncoding RNA IRL regulates NF-B-mediated immune responses through suppression of miR-27c-3p-dependent IRAK4 downregulation in teleost fish. <b>2021</b> , 296, 100304	13
186	Overexpression of LncRNA BM466146 Predicts Better Prognosis of Breast Cancer. <b>2020</b> , 10, 628757	4
185	Non-coding RNAs Related to Atherosclerosis. <b>2021</b> , 89-117	1
184	LncRNA loc339803 acts as CeRNA of miR-30a-5p to promote the migration and invasion of hepatocellular carcinoma cells. <b>2021</b> , 12, 1061-1072	6
183	Illuminating lncRNA Function Through Target Prediction. 2021, 2372, 263-295	1
182	Endothelial response to glucose: dysfunction, metabolism, and transport. <b>2021</b> , 49, 313-325	5
181	Downregulation of lncRNA MIR181A2HG by high glucose impairs vascular endothelial cell proliferation and migration through the dysregulation of the miRNAs/AKT2 axis. <b>2021</b> , 47,	2
180	The Impact of lncRNAs in Diabetes Mellitus: A Systematic Review and Analyses. <b>2021</b> , 12, 602597	5

#### (2021-2021)

179	Long non-coding RNAs in metabolic disorders: pathogenetic relevance and potential biomarkers and therapeutic targets. <b>2021</b> , 44, 2015-2041	1
178	Long Non-coding RNA: A Key Regulator in the Pathogenesis of Diabetic Cardiomyopathy. <b>2021</b> , 8, 655598	2
177	Epigenetics in blood-brain barrier disruption. <b>2021</b> , 18, 17	7
176	Non-Coding RNA and Diabetic Kidney Disease. <b>2021</b> , 40, 553-567	9
175	RNA-Binding Proteins Hold Key Roles in Function, Dysfunction, and Disease. <b>2021</b> , 10,	4
174	Role of N-Methyladenosine RNA Modification in Cardiovascular Disease. <b>2021</b> , 8, 659628	2
173	Differentially expressed genes, lncRNAs, and competing endogenous RNAs in Kawasaki disease. <b>2021</b> , 9, e11169	1
172	Roles of long non-coding RNA in osteoarthritis (Review). <b>2021</b> , 48,	2
171	Long non-coding RNA MIAT regulates ox-LDL-induced cell proliferation, migration and invasion by miR-641/STIM1 axis in human vascular smooth muscle cells. <b>2021</b> , 21, 248	O
170	Silencing lncRNA AK136714 reduces endothelial cell damage and inhibits atherosclerosis. <b>2021</b> , 13, 14159-14	4169
169	Role of novel biomarkers in diabetic cardiomyopathy. <b>2021</b> , 12, 685-705	4
168	The roles of long non-coding RNAs in ocular diseases. <b>2021</b> , 207, 108561	1
167	Emerging Role of Long Non-Coding RNAs in Diabetic Vascular Complications. 2021, 12, 665811	4
166	Effect of Baicalin on Transcriptome Changes in Piglet Vascular Endothelial Cells Induced by a Combination of and Lipopolysaccharide. <b>2021</b> , 40, 776-790	Ο
165	Dioscin elevates lncRNA MANTIS in therapeutic angiogenesis for heart diseases. <b>2021</b> , 20, e13392	6
164	Long Noncoding RNAs: Novel Important Players in Adipocyte Lipid Metabolism and Derivative Diseases. <b>2021</b> , 12, 691824	О
163	LncRNA VEAL2 regulates PRKCB2 to modulate endothelial permeability in diabetic retinopathy. <b>2021</b> , 40, e107134	9
162	The lncRNA MALAT1 participates in regulating coronary slow flow endothelial dysfunction through the miR-181b-5p-MEF2A-ET-1 axis. <b>2021</b> , 138, 106841	1

161	Targeting non-coding RNAs for the treatment of retinal diseases. <b>2021</b> , 24, 284-293	2
160	Emerging Roles of Long Non-Coding RNAs in Diabetic Foot Ulcers. <b>2021</b> , 14, 2549-2560	1
159	Identifying ceRNA Networks Associated With the Susceptibility and Persistence of Atrial Fibrillation Through Weighted Gene Co-Expression Network Analysis. <b>2021</b> , 12, 653474	2
158	Upregulation of long non-coding RNA SNHG16 promotes diabetes-related RMEC dysfunction via activating NF-B and PI3K/AKT pathways. <b>2021</b> , 24, 512-527	7
157	Role of Long Non-Coding RNAs and the Molecular Mechanisms Involved in Insulin Resistance. <b>2021</b> , 22,	4
156	Pathological Bases and Clinical Application of Long Noncoding RNAs in Cardiovascular Diseases. <b>2021</b> , 78, 16-29	5
155	LncRNA Miat knockdown alleviates endothelial cell injury through regulation of miR-214-3p/Caspase-1 signalling during atherogenesis. <b>2021</b> , 48, 1231-1238	О
154	Differential Expression of Long Noncoding RNAs in Patients with Coronary Artery Disease <b>2021</b> , 12, 372-378	O
153	MicroRNA and diabetic retinopathy-biomarkers and novel therapeutics. 2021, 9, 1280	5
152	Long Non-Coding RNAs Gene Variants as Molecular Markers for Diabetic Retinopathy Risk and Response to Anti-VEGF Therapy. <b>2021</b> , 14, 997-1014	1
151	Long non-coding RNAs in diabetic wound healing: Current research and clinical relevance. 2021,	3
150	Novel lncRNA-HZ04 promotes BPDE-induced human trophoblast cell apoptosis and miscarriage by upregulating IP R /CaMKII/SGCB pathway by competitively binding with miR-hz04. <b>2021</b> , 35, e21789	6
149	Clinicopathological and Prognostic Significance of Long Non-coding RNA MIAT in Human Cancers: A Review and Meta-Analysis. <b>2021</b> , 12, 729768	О
148	Non-Coding RNAs: Master Regulators of Inflammasomes in Inflammatory Diseases. <b>2021</b> , 14, 5023-5050	3
147	tiRNA-Val promotes angiogenesis via Sirt1Hif-1Haxis in mice with diabetic retinopathy.	
146	PAX5-activated lncRNA ARRDC1-AS1 accelerates the autophagy and progression of DLBCL through sponging miR-2355-5p to regulate ATG5. <b>2021</b> , 286, 119932	O
145	Non-Coding RNA as Biomarkers for Type 2 Diabetes Development and Clinical Management. <b>2021</b> , 12, 630032	5
144	Upregulation of long non-coding RNA myocardial infarction-associated transcription is correlated with coronary artery stenosis and elevated inflammation in patients with coronary atherosclerotic heart disease. <b>2021</b> , 37, 1038-1047	O

143	Development of an immune-related lncRNA-miRNA-mRNA network based on competing endogenous RNA in periodontitis. <b>2021</b> , 48, 1470-1479	5
142	Differential expression of H19, BC1, MIAT1, and MALAT1 long non-coding RNAs within key brain reward regions after repeated morphine treatment. <b>2021</b> , 414, 113478	3
141	Construction of lncRNA-related ceRNA regulatory network in diabetic subdermal endothelial cells. <b>2021</b> , 12, 2592-2602	10
140	Circulating long non-coding RNAs NKILA, NEAT1, MALAT1, and MIAT expression and their association in type 2 diabetes mellitus. <b>2021</b> , 9,	8
139	Epigenetics, Noncoding RNAs, and Gene Expression. <b>2021</b> , 258-272	
138	Effects of long non-coding RNA myocardial infarction-associated transcript on retinal neovascularization in a newborn mouse model of oxygen-induced retinopathy. <b>2021</b> , 16, 1877-1881	6
137	Role of Non-coding RNAs in Vascular Complications of Diabetes Mellitus. 2017, 341-357	1
136	Interactions Among Regulatory Non-coding RNAs Involved in Cardiovascular Diseases. <b>2020</b> , 1229, 79-104	5
135	Non-coding RNAs are involved in the response to oxidative stress. <b>2020</b> , 127, 110228	20
134	Non-coding RNA regulators of diabetic polyneuropathy. <b>2020</b> , 731, 135058	4
133	Promoter polymorphisms in the lncRNA-MIAT gene associated with acute myocardial infarction in Chinese Han population: a case-control study. <b>2020</b> , 40,	2
132	Epigenetic modification and therapeutic targets of diabetes mellitus. <b>2020</b> , 40,	13
131	Long noncoding RNA Hotair facilitates retinal endothelial cell dysfunction in diabetic retinopathy. <b>2020</b> , 134, 2419-2434	12
130	Long Non-Coding RNA of Myocardial Infarction Associated Transcript (LncRNA-MIAT) Promotes Diabetic Retinopathy by Upregulating Transforming Growth Factor- (TGF-1) Signaling. 2018, 24, 9497-9503	25
129	Myocardial Infarction-Related Transcripts (MIAT) Participate in Diabetic Optic Nerve Injury by Regulating Heart Shock Protein 5 (HSPA5) via Competitively Binding to MicroRNA-379. <b>2019</b> , 25, 2096-2103	8
128	The vascular epigenome in patients with obesity and type 2 diabetes: opportunities for personalized therapies. <b>2020</b> , 2, H19-H28	4
127	Epigenetic Mechanisms of Glioblastoma. 43-58	4
126	LncRNAs in ocular neovascularizations. <b>2019</b> , 12, 1959-1965	6

125	Cancer stem cell-specific expression profiles reveal emerging bladder cancer biomarkers and identify circRNA_103809 as an important regulator in bladder cancer. <b>2020</b> , 12, 3354-3370	13
124	Long non-coding RNA MIAT promotes breast cancer progression and functions as ceRNA to regulate DUSP7 expression by sponging miR-155-5p. <b>2017</b> , 8, 76153-76164	83
123	Long noncoding RNA MIAT promotes non-small cell lung cancer proliferation and metastasis through MMP9 activation. <b>2017</b> , 8, 98148-98162	48
122	Prospective and therapeutic screening value of non-coding RNA as biomarkers in cardiovascular disease. <b>2016</b> , 4, 236	51
121	Long Noncoding RNAs as Diagnostic and Therapeutic Targets for Ischemic Stroke. <b>2019</b> , 25, 1115-1121	17
120	Diverse Functions and Mechanisms of Pericytes in Ischemic Stroke. <b>2017</b> , 15, 892-905	53
119	The Missing "lnc" between Genetics and Cardiac Disease. <b>2020</b> , 6,	1
118	Long non-coding RNAs in the pathophysiology of atherosclerosis. <b>2018</b> , 64, 77-82	8
117	Long noncoding RNA MIAT: A potential role in the diagnosis and mediation of acute myocardial infarction. <b>2019</b> , 20, 5216-5222	14
116	Antisense long non-coding RNA WEE2-AS1 regulates human vascular endothelial cell viability via cell cycleIG2/M transition in arteriosclerosis obliterans. <b>2020</b> , 22, 5069-5082	2
115	LINC00365-SCGB2A1 axis inhibits the viability of breast cancer through targeting NF- <b>B</b> signaling. <b>2020</b> , 19, 753-762	3
114	LncRNA ameliorates brain microvascular endothelial cell injury by targeting miR-199a. <b>2018</b> , 13, 1919-1926	26
113	LncEGFL7OS regulates human angiogenesis by interacting with MAX at the EGFL7/miR-126 locus. <b>2019</b> , 8,	13
112	Long Non-coding RNA Rhabdomyosarcoma 2-Associated Transcript Regulates Angiogenesis in Endothelial Cells. <b>2021</b> , 12, 729157	
111	MicroRNA-150 and its target ETS-domain transcription factor 1 contribute to inflammation in diabetic photoreceptors. <b>2021</b> , 25, 10724-10735	1
110	Downregulation of lncRNA GAS5 prevents mitochondrial apoptosis and hypoxic-ischemic brain damage in neonatal rats through the microRNA-128-3p/Bax/Akt/GSK-3[axis. <b>2021</b> , 32, 1395-1402	1
109	What Future for Angiogenesis?. <b>2017</b> , 119-127	
108	Long Noncoding RNAs in Cardiovascular Disease. <b>2019</b> , 199-288	O

## (2021-2020)

107	Long non-coding RNAs as potential markers for occurrence, progression, and prognosis of gastric cancer. <b>2020</b> , 28, 544-552	
106	Non-coding RNAs in Cardiac Regeneration. <b>2020</b> , 1229, 163-180	2
105	Long Noncoding RNAs in Substance Use Disorders. <b>2020</b> , 465-490	
104	The Multifaceted Roles of LncRNAs in Diabetic Complications: A Promising Yet Perplexing Paradigm. <b>2020</b> , 491-521	1
103	NcRNAs in Vascular and Valvular Intercellular Communication. <b>2021</b> , 8, 749681	1
102	Definition and review on a category of long non-coding RNA: Atherosclerosis-associated circulating lncRNA (ASCLncRNA). <b>2020</b> , 8, e10001	1
101	The long noncoding RNA HCG18 participates in PM2.5-mediated vascular endothelial barrier dysfunction. <b>2020</b> , 12, 23960-23973	4
100	Long non-coding RNA-mediated regulation of glucose homeostasis and diabetes. <b>2016</b> , 6, 17-25	43
99	LncRNA TUG1 ameliorates diabetic nephropathy by inhibiting miR-21 to promote TIMP3-expression. <b>2019</b> , 12, 717-729	13
98	Long non-coding RNA MEG3 mediates high glucose-induced endothelial cell dysfunction. <b>2018</b> , 11, 1088-1100	) 4
98 97	Long non-coding RNA MEG3 mediates high glucose-induced endothelial cell dysfunction. <b>2018</b> , 11, 1088-1100 ZNRD1-AS1 knockdown alleviates malignant phenotype of retinoblastoma through miR-128-3p/BMI1 axis. <b>2021</b> , 13, 5866-5879	1
	ZNRD1-AS1 knockdown alleviates malignant phenotype of retinoblastoma through	
97	ZNRD1-AS1 knockdown alleviates malignant phenotype of retinoblastoma through miR-128-3p/BMI1 axis. <b>2021</b> , 13, 5866-5879  LncRNA-MIAT regulates the growth of SHSY5Y cells by regulating the miR-34-5p-SYT1 axis and	1
97 96	ZNRD1-AS1 knockdown alleviates malignant phenotype of retinoblastoma through miR-128-3p/BMI1 axis. 2021, 13, 5866-5879  LncRNA-MIAT regulates the growth of SHSY5Y cells by regulating the miR-34-5p-SYT1 axis and exerts a neuroprotective effect in a mouse model of Parkinson's disease. 2021, 13, 9993-10013  Emerging role of long non-coding RNAs in endothelial dysfunction and their molecular mechanisms.	1
97 96 95	ZNRD1-AS1 knockdown alleviates malignant phenotype of retinoblastoma through miR-128-3p/BMI1 axis. 2021, 13, 5866-5879  LncRNA-MIAT regulates the growth of SHSY5Y cells by regulating the miR-34-5p-SYT1 axis and exerts a neuroprotective effect in a mouse model of Parkinson's disease. 2021, 13, 9993-10013  Emerging role of long non-coding RNAs in endothelial dysfunction and their molecular mechanisms. 2021, 145, 112421  Long non-coding RNA MIAT is involved in the regulation of pyroptosis in diabetic cardiomyopathy	1 4
97 96 95 94	ZNRD1-AS1 knockdown alleviates malignant phenotype of retinoblastoma through miR-128-3p/BMI1 axis. 2021, 13, 5866-5879  LncRNA-MIAT regulates the growth of SHSY5Y cells by regulating the miR-34-5p-SYT1 axis and exerts a neuroprotective effect in a mouse model of Parkinson's disease. 2021, 13, 9993-10013  Emerging role of long non-coding RNAs in endothelial dysfunction and their molecular mechanisms. 2021, 145, 112421  Long non-coding RNA MIAT is involved in the regulation of pyroptosis in diabetic cardiomyopathy via targeting miR-214-3p 2021, 24, 103518  LncRNA-MIAT promotes thyroid cancer progression and function as ceRNA to target EZH2 by	1 1 4
97 96 95 94 93	ZNRD1-AS1 knockdown alleviates malignant phenotype of retinoblastoma through miR-128-3p/BMI1 axis. 2021, 13, 5866-5879  LncRNA-MIAT regulates the growth of SHSY5Y cells by regulating the miR-34-5p-SYT1 axis and exerts a neuroprotective effect in a mouse model of Parkinson's disease. 2021, 13, 9993-10013  Emerging role of long non-coding RNAs in endothelial dysfunction and their molecular mechanisms. 2021, 145, 112421  Long non-coding RNA MIAT is involved in the regulation of pyroptosis in diabetic cardiomyopathy via targeting miR-214-3p 2021, 24, 103518  LncRNA-MIAT promotes thyroid cancer progression and function as ceRNA to target EZH2 by sponging miR-150-5p. 2021, 12, 1097  Curcumin improves atherosclerosis by inhibiting the epigenetic repression of lncRNA MIAT to	1 1 4 1

89	Emerging Role of LncRNA Regulation for NLRP3 Inflammasome in Diabetes Complications <b>2021</b> , 9, 792401	4
88	LncRNA HOTTIP Knockdown Attenuates Acute Myocardial Infarction via Regulating miR-92a-2/c-Met Axis <b>2022</b> , 22, 352	1
87	Long Non-Coding RNA LINC02802 Regulates In Vitro Sprouting Angiogenesis by Sponging microRNA-486-5p <b>2022</b> , 23,	O
86	Association of Angio-LncRNAs MIAT rs1061540/MALAT1 rs3200401 Molecular Variants with Gensini Score in Coronary Artery Disease Patients Undergoing Angiography <b>2022</b> , 12,	O
85	Periostin renders cardiomyocytes vulnerable to acute myocardial infarction via pro-apoptosis <b>2022</b> ,	O
84	Perillyl alcohol and quercetin modulate the expression of non-coding RNAs MIAT, H19, miR-29a, and miR-33a in pulmonary artery hypertension in rats <b>2022</b> , 7, 27-33	O
83	Targeting long noncoding RNA-AQP4-AS1 for the treatment of retinal neurovascular dysfunction in diabetes mellitus <b>2022</b> , 77, 103857	1
82	The crosstalk between VEGF signaling pathway and long non-coding RNAs in neovascular retinal diseases: Implications for anti-VEGF therapy. <b>2022</b> , 27, 101541	
81	Nanoparticle and microparticle delivery in RNA-based cardiovascular disease treatment. 2022,	
80	LncRNA MIAT can regulate the proliferation, apoptosis, and osteogenic differentiation of bone marrow-derived mesenchymal stem cells by targeting miR-150-5p <b>2022</b> , 13, 6343-6352	1
79	tiRNA-Val promotes angiogenesis via Sirt1-Hif-1⊞xis in mice with diabetic retinopathy <b>2022</b> , 55, 14	1
78	The Long Noncoding RNA Inhibits Corneal Fibrosis Scar Formation by Targeting 2022,	1
77	The lncRNA MIAT regulates CPT-1a mediated cardiac hypertrophy through mA RNA methylation reading protein Ythdf2 <b>2022</b> , 8, 167	1
76	Advances and Challenges in Biomarkers Use for Coronary Microvascular Dysfunction: From Bench to Clinical Practice <b>2022</b> , 11,	O
75	Expressions of Serum lncRNAs in Diabetic Retinopathy - A Potential Diagnostic Tool 2022, 13, 851967	1
74	Mechanistic insights into glucose induced vascular epigenetic reprogramming in type 2 diabetes <b>2022</b> , 298, 120490	1
73	Inhibition of the lncRNA prevents podocyte injury and mitotic catastrophe in diabetic nephropathy <b>2022</b> , 28, 136-153	0
72	A Review of Interaction between Non-coding RNAs and Neurovascular Unit in Diabetic Retinopathy. <b>2021</b> ,	

#### (2020-2021)

MIAT, a potent CVD-promoting lncRNA.. 2021, 79, 1 71 1 Cardiac Remodeling After Myocardial Infarction: Functional Contribution of microRNAs to 70 Inflammation and Fibrosis.. 2022, 9, 863238 The Role of Pericytes in Ischemic Stroke: Fom Cellular Functions to Therapeutic Targets.. 2022, 15, 866700 69 О Long Noncoding RNAs That Function in Nutrition: Lnc-ing Nutritional Cues to Metabolic Pathways.. 68 2022, LncRNAS-modulators of neurovascular units in diabetic retinopathy.. 2022, 174937 67 Ο 66 DataSheet\_1.pdf. 2019, 65 Image\_1.png. 2019, 64 Image\_2.tif. **2019**, Image\_3.tif. 2019, 63 62 Table\_1.xlsx. 2019, Table\_2.xlsx. 2019, 61 DataSheet\_1.pdf. 2020, 60 Table\_1.xlsx. 2020, 59 Table\_2.xlsx. 2020, 58 Data\_Sheet\_1.ZIP. 2020, 57 56 Image\_1.TIF. **2020**, Image\_2.TIF. 2020, 55 Image\_3.TIF. 2020, 54



35 Insights into the World of MicroRNAs. **2022**, 1-20

34	The Impact of lncRNA on Diabetic Kidney Disease: Systematic Review and In Silico Analyses <b>2022</b> , 2022, 8400106	1
33	Diagnostic and prognostic significance of lncRNA SOX2-OT in patients with carotid atherosclerosis <b>2022</b> , 22, 211	O
32	Long non-coding RNAs in cardiometabolic disorders 2022,	Ο
31	LncRNA LYPLAL1-DT screening from type 2 diabetes with macrovascular complication contributes protective effects on human umbilical vein endothelial cells via regulating the miR-204-5p/SIRT1 axis <b>2022</b> , 8, 245	3
30	COPS3 AS lncRNA enhances myogenic differentiation and maintains fast-type myotube phenotype <b>2022</b> , 110341	
29	Downregulation of lncRNA Miat contributes to the protective effect of electroacupuncture against myocardial fibrosis <b>2022</b> , 17, 57	О
28	Long Non Coding RNA Based Regulation of Cerebrovascular Endothelium <b>2022</b> , 13, 834367	O
27	Advances in the study of RNA-binding proteins in diabetic complications. 2022, 101515	О
26	Long Noncoding RNAs: Pivotal Epigenetic Regulators in Diabetic Retinopathy. <b>2022</b> , 23,	
25	LncRNA MIAT Promotes Spinal Cord Injury Recovery in Rats by Regulating RBFOX2-Mediated Alternative Splicing of MCL-1.	
24	Long Noncoding RNA MIAT Regulates Hyperosmotic Stress-Induced Corneal Epithelial Cell Injury via Inhibiting the Caspase-1-Dependent Pyroptosis and Apoptosis in Dry Eye Disease. Volume 15, 3269-3283	1
23	The long noncoding RNA LTCONS5539 up-regulates the TRAF6-mediated immune responses in miiuy croaker (Miichthys miiuy). <b>2022</b> , 126, 263-270	
22	Redoxisome and diabetic retinopathy: Pathophysiology and therapeutic interventions. <b>2022</b> , 182, 106292	O
21	MicroRNAs and other noncoding RNAs in human pathology. <b>2022</b> , 469-489	
20	A novel long noncoding RNA SP100-AS1 induces radioresistance of colorectal cancer via sponging miR-622 and stabilizing ATG3.	O
19	A tRNA-derived fragment of ginseng protects heart against ischemia/reperfusion injury via targeting the lncRNA MIAT/VEGFA pathway. <b>2022</b> , 29, 672-688	О
18	Polypharmacology in Drug Design and DiscoveryBasis for Rational Design of Multitarget Drugs. <b>2022</b> , 397-533	O

17	Key circRNAs, lncRNAs, and mRNAs of ShenQi Compound in protecting vascular endothelial cells from high glucose identified by whole transcriptome sequencing.	О
16	Insights into the World of MicroRNAs. <b>2023</b> , 649-668	O
15	LncRNAs regulate ferroptosis to affect diabetes and its complications. 13,	O
14	Long non-coding RNAs in retinal neovascularization: current research and future directions.	O
13	Diabetic Retinopathy: Are lncRNAs New Molecular Players and Targets?. 2022, 11, 2021	1
12	Non-Coding RNAs in Regulating Plaque Progression and Remodeling of Extracellular Matrix in Atherosclerosis. <b>2022</b> , 23, 13731	1
11	Epigenetic modifications and metabolic memory in diabetic retinopathy: beyond the surface. <b>2023</b> , 18, 1441	O
10	Upregulation of PCED1B-AS1 in proliferative diabetic retinopathy and its involvement in retinal vascular endothelial cell proliferation. <b>2022</b> , 22,	O
9	Long noncoding RNA uc007nnj.1 mediates neuronal death induced by retinal ischemia/reperfusion in mice via the miR-155-5p/Tle4 axis. <b>2023</b> , 29,	O
8	lncRNA UCA1 inhibits mitochondrial dysfunction of skeletal muscle in type 2 diabetes mellitus by sequestering miR-143-3p to release FGF21.	O
7	The Link Between Glycemic Control Measures and Eye Microvascular Complications in a Clinical Cohort of Type 2 Diabetes with MicroRNA-223 Signature.	O
6	ENCD: a manually curated database of experimentally supported endocrine system disease and lncRNA associations. <b>2023</b> , 2023,	O
5	Key circRNAs, lncRNAs, and mRNAs of ShenQi Compound in protecting vascular endothelial cells from high glucose identified by whole transcriptome sequencing. <b>2023</b> , Publish Ahead of Print,	О
4	Circulatory miR-411-5p as a Novel Prognostic Biomarker for Major Adverse Cardiovascular Events in Patients with Atrial Fibrillation. <b>2023</b> , 24, 3861	O
3	Comprehensive LncRNA and Potential Molecular Mechanism Analysis in Noninfectious Uveitis. <b>2023</b> , 12, 2	О
2	The link between glycemic control measures and eye microvascular complications in a clinical cohort of type 2 diabetes with microRNA-223-3p signature. <b>2023</b> , 21,	O
1	Discovery of Transacting Long Noncoding RNAs That Regulate Smooth Muscle Cell Phenotype. <b>2023</b> , 132, 795-811	O