Subrata Chakrabarti

List of Publications by Year
in descending order

229	10,535	25031	43886
papers	citations	57 h-index	91 g-index

236	236	236	10614
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Long nonâ€coding <scp>RNA MALAT</scp>1 regulates hyperglycaemia induced inflammatory process in the endothelial cells. Journal of Cellular and Molecular Medicine, 2015, 19, 1418-1425.	3.6	321
2	MicroRNA-200b Regulates Vascular Endothelial Growth Factorâ€“Mediated Alterations in Diabetic Retinopathy. Diabetes, 2011, 60, 1314-1323.	0.6	306
3	Diabetes-induced Activation of Nuclear Transcriptional Factor in the Retina, and its Inhibition by Antioxidants. Free Radical Research, 2003, 37, 1169-1180.	3.3	242
4	Genotypic/phenotypic correlations in genetic hemochromatosis: Evolution of diagnostic criteria. Gastroenterology, 1998, 114, 319-323.	1.3	186
5	miR-146aâ€“Mediated Extracellular Matrix Protein Production in Chronic Diabetes Complications. Diabetes, 2011, 60, 2975-2984.	0.6	180
6	miR133a regulates cardiomyocyte hypertrophy in diabetes. Diabetes/Metabolism Research and Reviews, 2010, 26, 40-49.	4.0	179
7	High Glucose Induced Alteration of SIRTs in Endothelial Cells Causes Rapid Aging in a p300 and FOXO Regulated Pathway. PLoS ONE, 2013, 8, e54514.	2.5	168
8	Curcumin prevents diabetes-associated abnormalities in the kidneys by inhibiting p300 and nuclear factor-ÎºB. Nutrition, 2009, 25, 964-972.	2.4	167
9	Cardiac miRâ€133a overexpression prevents early cardiac fibrosis in diabetes. Journal of Cellular and Molecular Medicine, 2014, 18, 415-421.	3.6	167
10	Polymorphism in intron 4 of HFE may cause overestimation of C282Y homozygote prevalence in haemochromatosis. Nature Genetics, 1999, 22, 325-326.	21.4	166
11	Apoptotic germ-cell death and testicular damage in experimental diabetes: prevention by endothelin antagonism. Urological Research, 2000, 28, 342-347.	1.5	162
12	Transcriptional coactivator p300 regulates glucose-induced gene expression in endothelial cells. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E127-E137.	3.5	144
13	ANRIL: A Regulator of VEGF in Diabetic Retinopathy. , 2017, 58, 470.		143
14	Curcumin protects hearts from FFA-induced injury by activating Nrf2 and inactivating NF-ÎºB both in vitro and in vivo. Journal of Molecular and Cellular Cardiology, 2015, 79, 1-12.	1.9	141
15	lncRNA H19 prevents endothelialâ€“mesenchymal transition in diabetic retinopathy. Diabetologia, 2019, 62, 517-530.	6.3	141
16	Recurrent hepatocellular carcinoma after transplantation: Use of a pathological score on explanted livers to predict recurrence. Liver Transplantation, 2007, 13, 543-551.	2.4	140
17	Differential activation of NF-ÎºB and AP-1 in increased fibronectin synthesis in target organs of diabetic complications. American Journal of Physiology - Endocrinology and Metabolism, 2003, 284, E1089-E1097.	3.5	135
18	miR-195 regulates SIRT1-mediated changes in diabetic retinopathy. Diabetologia, 2014, 57, 1037-1046.	6.3	134

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19	Diabetes-induced Myocardial Structural Changes: Role of Endothelin-1 and its Receptors. Journal of Molecular and Cellular Cardiology, 2000, 32, 1621-1629.	1.9	126
20	Diabetes-induced vascular dysfunction in the retina: role of endothelins. Diabetologia, 1999, 42, 1228-1234.	6.3	125
21	MALAT1: An Epigenetic Regulator of Inflammation in Diabetic Retinopathy. Scientific Reports, 2018, 8, 6526.	3.3	123
22	Sitagliptin in patients with non-alcoholic steatohepatitis: A randomized, placebo-controlled trial. World Journal of Gastroenterology, 2017, 23, 141.	3.3	121
23	Localization of the Sites of Synthesis and Action of Insulin-Like Growth Factor-I in the Rat Uterus. Molecular Endocrinology, 1990, 4, 191-195.	3.7	120
24	Population screening for hemochromatosis: A comparison of unbound iron-binding capacity, transferrin saturation, and C282Y genotyping in 5,211 voluntary blood donors. Hepatology, 2000, 31, 1160-1164.	7.3	118
25	Noninvasive prediction of cirrhosis in C282Y-linked hemochromatosis. Hepatology, 2002, 36, 673-678.	7.3	118
26	miR-146a mediates inflammatory changes and fibrosis in the heart in diabetes. Journal of Molecular and Cellular Cardiology, 2017, 105, 70-76.	1.9	118
27	High glucose-induced, endothelin-dependent fibronectin synthesis is mediated via NF-Î¹B and AP-1. American Journal of Physiology - Cell Physiology, 2003, 284, C263-C272.	4.6	117
28	Mitotic chromosome condensation mediated by the retinoblastoma protein is tumor-suppressive. Genes and Development, 2010, 24, 1351-1363.	5.9	109
29	Aldose reductase in the BB rat: isolation, immunological identification and localization in the retina and peripheral nerve. Diabetologia, 1987, 30, 244-251.	6.3	107
30	Preventive effect of long-term aldose reductase inhibition (ponalrestat) on nerve conduction and sural nerve structure in the spontaneously diabetic Bio-Breeding rat.. Journal of Clinical Investigation, 1990, 85, 1410-1420.	8.2	107
31	A Rapid Ischemia-induced Apoptosis in Isolated Rat Hearts and its Attenuation by the Sodiumâ€“Hydrogen Exchange Inhibitor HOE 642 (Cariporide). Journal of Molecular and Cellular Cardiology, 1997, 29, 3169-3174.	1.9	102
32	Mechanisms of Endothelial to Mesenchymal Transition in the Retina in Diabetes. , 2014, 55, 7321.		102
33	miR-200b Mediates Endothelial-to-Mesenchymal Transition in Diabetic Cardiomyopathy. Diabetes, 2016, 65, 768-779.	0.6	102
34	Heme oxygenase in diabetes-induced oxidative stress in the heart. Journal of Molecular and Cellular Cardiology, 2003, 35, 1439-1448.	1.9	101
35	Leptin Induces Vascular Smooth Muscle Cell Hypertrophy through Angiotensin II- and Endothelin-1-Dependent Mechanisms and Mediates Stretch-Induced Hypertrophy. Journal of Pharmacology and Experimental Therapeutics, 2005, 315, 1075-1084.	2.5	99
36	EDB fibronectin and angiogenesis â€“ a novel mechanistic pathway. Angiogenesis, 2005, 8, 183-196.	7.2	95

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37	Diabetes-Induced Extracellular Matrix Protein Expression Is Mediated by Transcription Coactivator p300. Diabetes, 2006, 55, 3104-3111.	0.6	95
38	Regulation of cardiomyocyte hypertrophy in diabetes at the transcriptional level. American Journal of Physiology - Endocrinology and Metabolism, 2008, 294, E1119-E1126.	3.5	95
39	Endothelin receptor blockade prevents augmented extracellular matrix component mRNA expression and capillary basement membrane thickening in the retina of diabetic and galactose-fed rats.. Diabetes, 2000, 49, 662-666.	0.6	94
40	miR-320 Regulates Glucose-Induced Gene Expression in Diabetes. Isrn Endocrinology, 2012, 2012, 1-6.	2.0	94
41	Differential effects of curcumin on vasoactive factors in the diabetic rat heart. Nutrition and Metabolism, 2006, 3, 27.	3.0	92
42	Empirical calculation of roll damping for ships and barges. Ocean Engineering, 2001, 28, 915-932.	4.3	91
43	Role of vasoactive factors in the pathogenesis of early changes in diabetic retinopathy. Diabetes/Metabolism Research and Reviews, 2000, 16, 393-407.	4.0	89
44	Vascular endothelial dysfunction in diabetic cardiomyopathy: Pathogenesis and potential treatment targets. , 2006, 111, 384-399.		86
45	Interaction of Endothelin-1 with Vasoactive Factors in Mediating Glucose-Induced Increased Permeability in Endothelial Cells. Laboratory Investigation, 2000, 80, 1311-1321.	3.7	85
46	Re-institution of good metabolic control in diabetic rats and activation of caspase-3 and nuclear transcriptional factor (NF-kB) in the retina. Acta Diabetologica, 2004, 41, 194-199.	2.5	84
47	Leptin-induced cardiomyocyte hypertrophy involves selective caveolae and RhoA/ROCK-dependent p38 MAPK translocation to nuclei. Cardiovascular Research, 2007, 77, 64-72.	3.8	84
48	The role of Akt1 in terminal stages of endochondral bone formation: Angiogenesis and ossification. Bone, 2009, 45, 1133-1145.	2.9	84
49	Impaired visual evoked potential and primary axonopathy of the optic nerve in the diabetic BB/W-rat. Diabetologia, 1992, 35, 602-607.	6.3	79
50	Endothelins in chronic diabetic complications. Canadian Journal of Physiology and Pharmacology, 2003, 81, 622-634.	1.4	75
51	Cellular Signaling and Potential New Treatment Targets in Diabetic Retinopathy. Experimental Diabetes Research, 2007, 2007, 1-12.	3.8	74
52	Neonatal activation of CD28 signaling overcomes T cell anergy and prevents autoimmune diabetes by an IL-4-dependent mechanism.. Journal of Clinical Investigation, 1997, 100, 2243-2253.	8.2	74
53	Oncofetal Fibronectin in Diabetic Retinopathy. , 2004, 45, 287.		73
54	Nerve growth factor (NGF), proNGF and NGF receptor-like immunoreactivity in BB rat retina. Brain Research, 1990, 523, 11-15.	2.2	71

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55	Augmented expression of endothelin-1, endothelin-3 and the endothelin-B receptor in breast carcinoma. Histopathology, 2000, 36, 161-167.	2.9	69
56	Phase <scp>II</scp> clinical trial of phlebotomy for nonâ€alcoholic fatty liver disease. Alimentary Pharmacology and Therapeutics, 2013, 37, 720-729.	3.7	69
57	The BB-rat-an authentic model of human diabetic retinopathy. Current Eye Research, 1985, 4, 1087-1092.	1.5	68
58	Natural History of C282Y Homozygotes for Hemochromatosis. Canadian Journal of Gastroenterology & Hepatology, 2002, 16, 297-302.	1.7	66
59	Insulin B-chain reactive CD4+ regulatory T-cells induced by oral insulin treatment protect from type 1 diabetes by blocking the cytokine secretion and pancreatic infiltration of diabetogenic effector T-cells. Diabetes, 1999, 48, 1720-1729.	0.6	64
60	Endothelin-1 promotes migration and induces elevation of [Ca2+]i and phosphorylation of MAP kinase of a human extravillous trophoblast cell line. Molecular and Cellular Endocrinology, 2003, 201, 63-73.	3.2	60
61	Augmented retinal endothelin-1, endothelin-3, endothelinA and endothelinB gene expression in chronic diabetes. Current Eye Research, 1998, 17, 301-307.	1.5	59
62	Polycomb Repressive Complex 2 Regulates MiR-200b in Retinal Endothelial Cells: Potential Relevance in Diabetic Retinopathy. PLoS ONE, 2015, 10, e0123987.	2.5	58
63	Growth Factors in Proliferative Diabetic Retinopathy. Experimental Diabesity Research, 2003, 4, 287-301.	1.0	56
64	Role of endothelinâ€1, sodium hydrogen exchangerâ€1 and mitogen activated protein kinase (MAPK) activation in glucoseâ€induced cardiomyocyte hypertrophy. Diabetes/Metabolism Research and Reviews, 2007, 23, 356-367.	4.0	56
65	PARP mediates structural alterations in diabetic cardiomyopathy. Journal of Molecular and Cellular Cardiology, 2008, 45, 385-393.	1.9	56
66	Improvement in human decay accelerating factor transgenic porcine kidney xenograft rejection with intravenous administration of gas914, a polymeric form of ??gal1. Transplantation, 2003, 75, 10-19.	1.0	55
67	Extracellular signal-regulated kinase (ERK) in glucose-induced and endothelin-mediated fibronectin synthesis. Laboratory Investigation, 2004, 84, 1451-1459.	3.7	55
68	Glucose-induced up-regulation of CD36 mediates oxidative stress and microvascular endothelial cell dysfunction. Diabetologia, 2005, 48, 1401-1410.	6.3	54
69	PARP activation and the alteration of vasoactive factors and extracellular matrix protein in retina and kidney in diabetes. Diabetes/Metabolism Research and Reviews, 2008, 24, 404-412.	4.0	53
70	Liver Diseases in the Hemochromatosis and Iron Overload Screening Study. Clinical Gastroenterology and Hepatology, 2006, 4, 918-923.e1.	4.4	52
71	Towards Newer Molecular Targets for Chronic Diabetic Complications. Current Vascular Pharmacology, 2006, 4, 45-57.	1.7	52
72	Preventive effects of North American ginseng (Panax quinquefolium) on diabetic nephropathy. Phytomedicine, 2012, 19, 494-505.	5.3	50

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73	Potential Contributory Role of H-Ras, a Small G-Protein, in the Development of Retinopathy in Diabetic Rats. Diabetes, 2004, 53, 775-783.	0.6	48
74	Oxidative-stress-induced epigenetic changes in chronic diabetic complications. Canadian Journal of Physiology and Pharmacology, 2013, 91, 213-220.	1.4	48
75	<scp>SIRT</scp>1 reduction causes renal and retinal injury in diabetes through endothelin 1 and transforming growth factor Î²1. Journal of Cellular and Molecular Medicine, 2015, 19, 1857-1867.	3.6	47
76	Metallothionein and apoptosis in primary human hepatocellular carcinoma and metastatic adenocarcinoma. Histopathology, 1998, 32, 340-347.	2.9	45
77	Contributions of endothelin-1 and sodium hydrogen exchanger-1 in the diabetic myocardium. Diabetes/Metabolism Research and Reviews, 2002, 18, 386-394.	4.0	45
78	Co-localization of stanniocalcin-1 ligand and receptor in human breast carcinomas. Molecular and Cellular Endocrinology, 2004, 213, 167-172.	3.2	45
79	The Prevention of Diabetic Cardiomyopathy by Non-Mitogenic Acidic Fibroblast Growth Factor Is Probably Mediated by the Suppression of Oxidative Stress and Damage. PLoS ONE, 2013, 8, e82287.	2.5	44
80	miR-146a regulates glucose induced upregulation of inflammatory cytokines extracellular matrix proteins in the retina and kidney in diabetes. PLoS ONE, 2017, 12, e0173918.	2.5	44
81	The Long Non-Coding RNA HOTAIR Is a Critical Epigenetic Mediator of Angiogenesis in Diabetic Retinopathy. , 2021, 62, 20.		44
82	Oxidative stress-induced, poly(ADP-ribose) polymerase-dependent upregulation of ET-1 expression in chronic diabetic complicationsThis article is one of a selection of papers published in the special issue (part 1 of 2) on Forefronts in Endothelin.. Canadian Journal of Physiology and Pharmacology, 2008, 86, 365-372.	1.4	43
83	ANRIL regulates production of extracellular matrix proteins and vasoactive factors in diabetic complications. American Journal of Physiology - Endocrinology and Metabolism, 2018, 314, E191-E200.	3.5	43
84	Actin Cytoskeleton Dynamics Promotes Leptin-Induced Vascular Smooth Muscle Hypertrophy via RhoA/ROCK- and Phosphatidylinositol 3-Kinase/Protein Kinase B-Dependent Pathways. Journal of Pharmacology and Experimental Therapeutics, 2007, 322, 1110-1116.	2.5	42
85	Cocaine-Induced Ischemic Colitis with Small-Vessel Thrombosis of Colon and Gallbladder. Journal of Clinical Gastroenterology, 1997, 24, 49-53.	2.2	42
86	Endothelin-1 and endothelin-3-like immunoreactivity in the eyes of diabetic and non-diabetic BB/W rats. Diabetes Research and Clinical Practice, 1997, 37, 109-120.	2.8	40
87	Leptin and endothelinâ€1 mediated increased extracellular matrix protein production and cardiomyocyte hypertrophy in diabetic heart disease. Diabetes/Metabolism Research and Reviews, 2009, 25, 452-463.	4.0	40
88	Pro-oxidant Role of Heme Oxygenase in Mediating Glucose-induced Endothelial Cell Damage. Free Radical Research, 2004, 38, 1301-1310.	3.3	39
89	miRNA-1 regulates endothelin-1 in diabetes. Life Sciences, 2014, 98, 18-23.	4.3	39
90	Heme oxygenase modulates small intestine leukocyte adhesion following hindlimb ischemia/reperfusion by regulating the expression of intercellular adhesion molecule-1*. Critical Care Medicine, 2005, 33, 2563-2570.	0.9	37

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91	Extracellular Matrix Proteins in Epiretinal Membranes and in Diabetic Retinopathy. Current Eye Research, 2009, 34, 134-144.	1.5	37
92	Preventive effects of North American Ginseng (Panax quinquefolius) on Diabetic Retinopathy and Cardiomyopathy. Phytotherapy Research, 2013, 27, 290-298.	5.8	37
93	MALAT1: A regulator of inflammatory cytokines in diabetic complications. Endocrinology, Diabetes and Metabolism, 2018, 1, e00010.	2.4	37
94	Anionic sites in diabetic basement membranes and their possible role in diffusion barrier abnormalities in the BB-rat. Diabetologia, 1991, 34, 301-306.	6.3	35
95	The reproducibility and sensitivity of sural nerve morphometry in the assessment of diabetic peripheral polyneuropathy. Diabetologia, 1992, 35, 560-569.	6.3	35
96	Cytokines and Diabetes Research. Journal of Diabetes Research, 2014, 2014, 1-2.	2.3	35
97	Orally administered NHE1 inhibitor cariporide reduces acute responses to coronary occlusion and reperfusion. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 276, H749-H757.	3.2	34
98	Vascular endothelial growth factor in diabetes induced early retinal abnormalities. Diabetes Research and Clinical Practice, 2004, 65, 197-208.	2.8	34
99	Diabetic Retinopathy, lncRNAs, and Inflammation: A Dynamic, Interconnected Network. Journal of Clinical Medicine, 2019, 8, 1033.	2.4	34
100	High-glucose-induced metallothionein expression in endothelial cells: an endothelin-mediated mechanism. American Journal of Physiology - Cell Physiology, 2001, 281, C899-C907.	4.6	33
101	Endothelin-mediated remodeling in aortas of diabetic rats. Diabetes/Metabolism Research and Reviews, 2005, 21, 367-375.	4.0	33
102	Renal, retinal and cardiac changes in type 2 diabetes are attenuated by macitentan, a dual endothelin receptor antagonist. Life Sciences, 2012, 91, 658-668.	4.3	33
103	Endothelin-1â€“Mediated Alteration of Metallothionein and Trace Metals in the Liver and Kidneys of Chronically Diabetic Rats. International Journal of Experimental Diabetes Research, 2002, 3, 193-198.	1.1	32
104	Glucoseâ€induced oxidative stress and accelerated aging in endothelial cells are mediated by the depletion of mitochondrial SIRTs. Physiological Reports, 2020, 8, e14331.	1.7	32
105	Increased radiation-induced apoptosis in mouse thymus in the absence of metallothionein. Toxicology, 1999, 134, 39-49.	4.2	30
106	Modulation of ERK5 Is a Novel Mechanism by Which Cdc42 Regulates Migration of Breast Cancer Cells. Journal of Cellular Biochemistry, 2015, 116, 124-132.	2.6	30
107	Inflammation is not the cause of an elevated serum ferritin in non-alcoholic fatty liver disease. Annals of Hepatology, 2014, 13, 353-356.	1.5	29
108	Reduced number of anionic sites is associated with glomerular basement membrane thickening in the diabetic BB-rat. Diabetologia, 1989, 32, 826-8.	6.3	28

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109	Prevalence of the C282Y mutation of the hemochromatosis gene in liver transplant recipients and donors. Hepatology, 1999, 30, 665-669.	7.3	28
110	Long-term suppression of postprandial hyperglycaemia with acarbose retards the development of neuropathies in the BB/W-rat. Diabetologia, 1992, 35, 325-330.	6.3	27
111	ED-B FIBRONECTIN IN NONâ€“SMALL CELL LUNG CARCINOMA. Experimental Lung Research, 2005, 31, 701-711.	1.2	27
112	North American Ginseng (Panax quinquefolius) Prevents Hyperglycemia and Associated Pancreatic Abnormalities in Diabetes. Journal of Medicinal Food, 2013, 16, 587-592.	1.5	26
113	Tuning the Optical Properties of Silicon Quantum Dots via Surface Functionalization with Conjugated Aromatic Fluorophores. Scientific Reports, 2018, 8, 3050.	3.3	26
114	Modulation of Na⁺/H⁺exchange isoform 1 mRNA expression in isolated rat hearts. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 277, H993-H998.	3.2	25
115	A new cause of Zollingerâ€“Ellison syndrome: Nonâ€“Small cell lung cancer. Gastroenterology, 2001, 120, 1271-1278.	1.3	25
116	Heme-oxygenase-mediated iron accumulation in the liver. Canadian Journal of Physiology and Pharmacology, 2004, 82, 448-456.	1.4	25
117	Chemokine receptor CXCR4-Î²1 integrin axis mediates tumorigenesis of osteosarcoma HOS cells. Biochemistry and Cell Biology, 2005, 83, 36-48.	2.0	25
118	Genotoxic stress and activation of novel DNA repair enzymes in human endothelial cells and in the retinas and kidneys of streptozotocin diabetic rats. Diabetes/Metabolism Research and Reviews, 2012, 28, 329-337.	4.0	25
119	A Functional Connection between pRB and Transforming Growth Factor Î² in Growth Inhibition and Mammary Gland Development. Molecular and Cellular Biology, 2009, 29, 4455-4466.	2.3	24
120	Glucose-induced cell signaling in the pathogenesis of diabetic cardiomyopathy. Heart Failure Reviews, 2014, 19, 75-86.	3.9	24
121	Glucose-induced Akt1 activation mediates fibronectin synthesis in endothelial cells. Diabetologia, 2005, 48, 2428-2436.	6.3	23
122	Metallothionein prevents cardiac pathological changes in diabetes by modulating nitration and inactivation of cardiac ATP synthase. Journal of Nutritional Biochemistry, 2014, 25, 463-474.	4.2	23
123	Increased endothelin-1 and endothelin receptor expression in myocytes of ischemic and reperfused rat hearts and ventricular myocytes exposed to ischemic conditions and its inhibition by nitric oxide generation. Canadian Journal of Physiology and Pharmacology, 2003, 81, 105-113.	1.4	22
124	C-peptide and Retinal Microangiopathy in Diabetes. Experimental Diabesity Research, 2004, 5, 91-96.	1.0	22
125	American ginseng (Panax quinquefolius) prevents glucose-induced oxidative stress and associated endothelial abnormalities. Phytomedicine, 2011, 18, 1110-1117.	5.3	22
126	Thymic re-entry of mature activated T cells and increased negative selection in vascularized allograft recipients. Clinical and Experimental Immunology, 2002, 127, 43-52.	2.6	21

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127	Glucose-induced serum- and glucocorticoid-regulated kinase activation in oncofetal fibronectin expression. Biochemical and Biophysical Research Communications, 2005, 329, 275-280.	2.1	21
128	The Impact of Population-Based Screening Studies on Hemochromatosis Screening Practices. Digestive Diseases and Sciences, 2012, 57, 1420-1422.	2.3	21
129	MicroRNAs: The Underlying Mediators of Pathogenetic Processes in Vascular Complications of Diabetes. Canadian Journal of Diabetes, 2013, 37, 339-344.	0.8	21
130	Increased Extracellular Matrix Protein Production in Chronic Diabetic Complications: Implications of Non-Coding RNAs. Non-coding RNA, 2019, 5, 30.	2.6	21
131	Endothelins: regulators of extracellular matrix protein production in diabetes. Experimental Biology and Medicine, 2006, 231, 1022-9.	2.4	21
132	Pathogenetic heterogeneity in retinal capillary basement membrane thickening in the diabetic BB-rat. Diabetologia, 1987, 30, 966-968.	6.3	20
133	Regulation of Vascular Endothelial Growth Factor Expression by Extra Domain B Segment of Fibronectin in Endothelial Cells. , 2012, 53, 8333.		20
134	Collectivization of Vascular Smooth Muscle Cells via TGF-Î²â€“Cadherin-11â€“Dependent Adhesive Switching. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1254-1264.	2.4	20
135	Glucose-induced endothelin-1 expression is regulated by ERK5 in the endothelial cells and retina of diabetic ratsThis article is one of a selection of papers published in the two-part special issue entitled 20 Years of Endothelin Research.. Canadian Journal of Physiology and Pharmacology, 2010, 88, 607-615.	1.4	19
136	Reprint of: miRNA-1 regulates endothelin-1 in diabetes. Life Sciences, 2014, 118, 275-280.	4.3	19
137	Endothelin-1 Regulation Is Entangled in a Complex Web of Epigenetic Mechanisms in Diabetes. Physiological Research, 2018, 67, S115-S125.	0.9	19
138	Prevention of diabetic retinal capillary pericyte degeneration and loss by pancreatic islet allograft. Current Eye Research, 1987, 6, 649-658.	1.5	18
139	The effect of acarbose on diabetes- and age-related basement membrane thickening in retinal capillaries of the. Diabetes Research and Clinical Practice, 1993, 20, 123-128.	2.8	18
140	Peritransplant treatment with cobalt protoporphyrin attenuates chronic renal allograft rejection. Transplant International, 2005, 18, 341-349.	1.6	18
141	Therapeutic Targeting of Endothelial Dysfunction in Chronic Diabetic Complications. Recent Patents on Cardiovascular Drug Discovery, 2006, 1, 167-175.	1.5	18
142	Akt activation and augmented fibronectin production in hyperhexosemia. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E1036-E1044.	3.5	18
143	CTLAâ€4Ig blocks the development and progression of citrullinated fibrinogenâ€“induced arthritis in DR4â€transgenic mice. Arthritis and Rheumatism, 2010, 62, 2941-2952.	6.7	18
144	Curcumin Analogs Reduce Stress and Inflammation Indices in Experimental Models of Diabetes. Frontiers in Endocrinology, 2019, 10, 887.	3.5	18

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145	Alternate Splicing Produces a Soluble Form of the Hereditary Hemochromatosis Protein Hfe. Blood Cells, Molecules, and Diseases, 1999, 25, 61-67.	1.4	17
146	Alteration in CD45RBhi/CD45RBlo T-cell ratio following CD45RB monoclonal-antibody therapy occurs by selective deletion of CD45RBhi effector cells. Transplantation, 2003, 76, 400-409.	1.0	17
147	The role of the sodium hydrogen exchanger-1 in mediating diabetes-induced changes in the retina. Diabetes/Metabolism Research and Reviews, 2004, 20, 61-71.	4.0	17
148	LncRNAs: Proverbial Genomic â€œJunkâ€•or Key Epigenetic Regulators During Cardiac Fibrosis in Diabetes?. Frontiers in Cardiovascular Medicine, 2018, 5, 28.	2.4	17
149	Endothelins, their receptors, and retinal vascular dysfunction in galactose-fed rats. Diabetes Research and Clinical Practice, 2000, 48, 75-85.	2.8	16
150	Expressions of Serum lncRNAs in Diabetic Retinopathy â€“ A Potential Diagnostic Tool. Frontiers in Endocrinology, 2022, 13, 851967.	3.5	16
151	Expression of ferroportin in hemochromatosis liver. Blood Cells, Molecules, and Diseases, 2003, 31, 256-261.	1.4	15
152	ERK5 Regulates Glucose-Induced Increased Fibronectin Production in the Endothelial Cells and in the Retina in Diabetes. , 2012, 53, 8405.		15
153	Engineering nanoparticle therapeutics for impaired wound healing in diabetes. Drug Discovery Today, 2022, 27, 1156-1166.	6.4	15
154	A nomogram to predict C282Y hemochromatosis. Translational Research, 2002, 140, 6-8.	2.3	14
155	ERK5 Contributes to VEGF Alteration in Diabetic Retinopathy. Journal of Ophthalmology, 2010, 2010, 1-11.	1.3	14
156	Endothelin-1 traps potently reduce pathologic markers back to basal levels in an in vitro model of diabetes. Journal of Diabetes and Metabolic Disorders, 2018, 17, 189-195.	1.9	14
157	Alteration of Endothelins: A Common Pathogenetic Mechanism in Chronic Diabetic Complications. International Journal of Experimental Diabetes Research, 2002, 3, 217-231.	1.1	13
158	Fibroblast Growth Factor 9 Imparts Hierarchy and Vasoreactivity to the Microcirculation of Renal Tumors and Suppresses Metastases. Journal of Biological Chemistry, 2015, 290, 22127-22142.	3.4	13
159	Changes in the Cardiac GHSR1a-Ghrelin System Correlate With Myocardial Dysfunction in Diabetic Cardiomyopathy in Mice. Journal of the Endocrine Society, 2018, 2, 178-189.	0.2	13
160	CDX2 and Muc2 immunohistochemistry as prognostic markers in stage II colon cancer. Human Pathology, 2019, 90, 70-79.	2.0	13
161	Pancreatic islet allograft prevents basement membrane thickening in the diabetic rat retina. Diabetologia, 1988, 31, 175-181.	6.3	12
162	Cardiac tamponade as a terminal event in the hemolytic uremic syndrome in childhood. Pediatric Nephrology, 1994, 8, 754-755.	1.7	12

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163	Optic Neuropathy in the Diabetic BB-Rat. Advances in Experimental Medicine and Biology, 1991, 291, 257-264.	1.6	12
164	The presence of anionic sites in basement membranes of cerebral capillaries. Microvascular Research, 1990, 39, 123-127.	2.5	11
165	Catastrophic microangiopathy induced by high-titre factor VIII inhibitors after liver transplantation for haemophilia A with cirrhosis. Haemophilia, 2005, 11, 623-628.	2.1	11
166	Endothelin-Mediated Oncofetal Fibronectin Expression in Chronic Allograft Nephropathy. Transplantation, 2006, 82, 406-414.	1.0	11
167	Fibroblast transdifferentiation promotes conversion of M1 macrophages and replenishment of cardiac resident macrophages following cardiac injury in mice. European Journal of Immunology, 2020, 50, 795-808.	2.9	11
168	A rapid reproducible method for determination of basement membrane thickness in biological structures. Computers in Biology and Medicine, 1987, 17, 193-197.	7.0	10
169	Diabetic Retinopathy: From Pathogenesis to Treatment. Experimental Diabetes Research, 2007, 2007, 1-2.	3.8	10
170	Is Serum Hepcidin Causative in Hemochromatosis? Novel Analysis from a Liver Transplant with Hemochromatosis. Canadian Journal of Gastroenterology & Hepatology, 2008, 22, 851-853.	1.7	10
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