

Subrata Chakrabarti

List of Publications by Year in Descending Order

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

213
papers

8,712
citations

57
h-index

84
g-index

236
ext. papers

9,583
ext. citations

4.9
avg. IF

6.11
L-index

#	Paper	IF	Citations
213	Expressions of Serum lncRNAs in Diabetic Retinopathy - A Potential Diagnostic Tool.. <i>Frontiers in Endocrinology</i> , 2022 , 13, 851967	5.7	1
212	Engineering nanoparticle therapeutics for impaired wound healing in diabetes. <i>Drug Discovery Today</i> , 2021 ,	8.8	3
211	The Long Non-Coding RNA HOTAIR Is a Critical Epigenetic Mediator of Angiogenesis in Diabetic Retinopathy 2021 , 62, 20		11
210	Role of long non-coding RNAs and related epigenetic mechanisms in liver fibrosis (Review). <i>International Journal of Molecular Medicine</i> , 2021 , 47,	4.4	4
209	IgG4-related disease as a rare cause of gastric outlet obstruction: a case report and literature review. <i>BMC Gastroenterology</i> , 2021 , 21, 349	3	0
208	Circular RNA mediated gene regulation in chronic diabetic complications. <i>Scientific Reports</i> , 2021 , 11, 23766	4.9	2
207	Glucose-induced, duration-dependent genome-wide DNA methylation changes in human endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2020 , 319, C268-C276	5.4	5
206	Glucose-induced oxidative stress and accelerated aging in endothelial cells are mediated by the depletion of mitochondrial SIRT6. <i>Physiological Reports</i> , 2020 , 8, e14331	2.6	14
205	Fibroblast transdifferentiation promotes conversion of M1 macrophages and replenishment of cardiac resident macrophages following cardiac injury in mice. <i>European Journal of Immunology</i> , 2020 , 50, 795-808	6.1	4
204	The Multifaceted Roles of lncRNAs in Diabetic Complications: A Promising Yet Perplexing Paradigm. <i>RNA Technologies</i> , 2020 , 491-521	0.2	1
203	Resident macrophages as potential therapeutic targets for cardiac ageing and injury. <i>Clinical and Translational Immunology</i> , 2020 , 9, e1167	6.8	1
202	Overexpression of Long Noncoding RNA HOTAIR Is a Unique Epigenetic Characteristic of Myxopapillary Ependymoma. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020 , 79, 1193-1202	3.1	2
201	CDX2 and Muc2 immunohistochemistry as prognostic markers in stage II colon cancer. <i>Human Pathology</i> , 2019 , 90, 70-79	3.7	6
200	Increased Extracellular Matrix Protein Production in Chronic Diabetic Complications: Implications of Non-Coding RNAs. <i>Non-coding RNA</i> , 2019 , 5,	7.1	10
199	Two-year analysis of changes in the optic nerve and retina following anti-VEGF treatments in diabetic macular edema patients. <i>Clinical Ophthalmology</i> , 2019 , 13, 1087-1096	2.5	5
198	Safety of anti-VEGF treatments in a diabetic rat model and retinal cell culture. <i>Clinical Ophthalmology</i> , 2019 , 13, 1097-1114	2.5	2
197	Diabetic Retinopathy, lncRNAs, and Inflammation: A Dynamic, Interconnected Network. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	25

196	Curcumin Analogs Reduce Stress and Inflammation Indices in Experimental Models of Diabetes. <i>Frontiers in Endocrinology</i> , 2019 , 10, 887	5.7	13
195	lncRNA H19 prevents endothelial-mesenchymal transition in diabetic retinopathy. <i>Diabetologia</i> , 2019 , 62, 517-530	10.3	82
194	Sex-specific analysis post-liver transplantation in hemochromatosis with aplastic anemia and hepatocellular carcinoma. <i>Hepatology Communications</i> , 2018 , 2, 13-15	6	1
193	MALAT1: A regulator of inflammatory cytokines in diabetic complications. <i>Endocrinology, Diabetes and Metabolism</i> , 2018 , 1, e00010	2.7	23
192	Tuning the Optical Properties of Silicon Quantum Dots via Surface Functionalization with Conjugated Aromatic Fluorophores. <i>Scientific Reports</i> , 2018 , 8, 3050	4.9	20
191	MALAT1: An Epigenetic Regulator of Inflammation in Diabetic Retinopathy. <i>Scientific Reports</i> , 2018 , 8, 6526	4.9	81
190	Changes in the Cardiac GHSR1a-Ghrelin System Correlate With Myocardial Dysfunction in Diabetic Cardiomyopathy in Mice. <i>Journal of the Endocrine Society</i> , 2018 , 2, 178-189	0.4	10
189	LncRNAs: Proverbial Genomic "Junk" or Key Epigenetic Regulators During Cardiac Fibrosis in Diabetes?. <i>Frontiers in Cardiovascular Medicine</i> , 2018 , 5, 28	5.4	13
188	ANRIL regulates production of extracellular matrix proteins and vasoactive factors in diabetic complications. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018 , 314, E191-E200	6	30
187	MALAT1 and HOTAIR Key Epigenetic Regulators in Diabetic Retinopathy. <i>Diabetes</i> , 2018 , 67, 240-OR	0.9	2
186	Long Noncoding RNA Zfas1 in Diabetic Cardiomyopathy. <i>Diabetes</i> , 2018 , 67, 473-P	0.9	2
185	Endothelin-1 regulation is entangled in a complex web of epigenetic mechanisms in diabetes. <i>Physiological Research</i> , 2018 , 67, S115-S125	2.1	12
184	Nerve and Retinal Changes in Experimental Diabetes 2018 , 117-152		
183	Endothelin-1 traps potentially reduce pathologic markers back to basal levels in an in vitro model of diabetes. <i>Journal of Diabetes and Metabolic Disorders</i> , 2018 , 17, 189-195	2.5	6
182	miR-146a mediates inflammatory changes and fibrosis in the heart in diabetes. <i>Journal of Molecular and Cellular Cardiology</i> , 2017 , 105, 70-76	5.8	73
181	Decrease in InsGlut2 β cells with advancing age in mouse and human pancreas. <i>Journal of Endocrinology</i> , 2017 , 233, 229-241	4.7	6
180	Structural and functional changes to the retina and optic nerve following panretinal photocoagulation over a 2-year time period. <i>Eye</i> , 2017 , 31, 1237-1244	4.4	2
179	Effect of ginseng therapy on diabetes and its chronic complications: lessons learned. <i>Journal of Complementary and Integrative Medicine</i> , 2017 , 14,	1.5	3

178	ANRIL: A Regulator of VEGF in Diabetic Retinopathy 2017 , 58, 470-480		98
177	miR-146a regulates glucose induced upregulation of inflammatory cytokines extracellular matrix proteins in the retina and kidney in diabetes. <i>PLoS ONE</i> , 2017 , 12, e0173918	3.7	31
176	Sitagliptin in patients with non-alcoholic steatohepatitis: A randomized, placebo-controlled trial. <i>World Journal of Gastroenterology</i> , 2017 , 23, 141-150	5.6	90
175	Prevention of Diabetic Nephropathy by Modified Acidic Fibroblast Growth Factor. <i>Nephron</i> , 2017 , 137, 221-236	3.3	9
174	Pathogenetic Mechanisms in Diabetic Retinopathy: From Molecules to Cells to Tissues 2017 , 209-247		6
173	miR-200b Mediates Endothelial-to-Mesenchymal Transition in Diabetic Cardiomyopathy. <i>Diabetes</i> , 2016 , 65, 768-79	0.9	76
172	Adenoid cystic carcinoma presenting as an orbital apex mass with intracranial extension. <i>Canadian Journal of Ophthalmology</i> , 2016 , 51, e65-7	1.4	3
171	MicroRNA15a - A Molecule Modulating Multiple Pathologies in Diabetic Retinopathy. <i>EBioMedicine</i> , 2016 , 11, 13-14	8.8	3
170	P63 Positive Mucoepidermoid Tumor of the Lacrimal Sac with Associated Papilloma. <i>Orbit</i> , 2015 , 34, 220-2	1.5	6
169	Fibroblast Growth Factor 9 Imparts Hierarchy and Vasoreactivity to the Microcirculation of Renal Tumors and Suppresses Metastases. <i>Journal of Biological Chemistry</i> , 2015 , 290, 22127-42	5.4	11
168	Unacylated ghrelin: a gut-limb connection. <i>Diabetes</i> , 2015 , 64, 1097-8	0.9	2
167	Modulation of ERK5 is a novel mechanism by which Cdc42 regulates migration of breast cancer cells. <i>Journal of Cellular Biochemistry</i> , 2015 , 116, 124-32	4.7	15
166	Curcumin protects hearts from FFA-induced injury by activating Nrf2 and inactivating NF- κ B both in vitro and in vivo. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 79, 1-12	5.8	118
165	Long non-coding RNA MALAT1 regulates hyperglycaemia induced inflammatory process in the endothelial cells. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 1418-25	5.6	274
164	SIRT1 reduction causes renal and retinal injury in diabetes through endothelin 1 and transforming growth factor β . <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 1857-67	5.6	39
163	Collectivization of Vascular Smooth Muscle Cells via TGF- β Cadherin-11-Dependent Adhesive Switching. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1254-64	9.4	15
162	Polycomb repressive complex 2 regulates MiR-200b in retinal endothelial cells: potential relevance in diabetic retinopathy. <i>PLoS ONE</i> , 2015 , 10, e0123987	3.7	45
161	ERK5 Mediated Signalling in Diabetic Retinopathy. <i>Medical Hypothesis, Discovery, and Innovation in Ophthalmology</i> , 2015 , 4, 17-26	1.4	7

160	miR-195 regulates SIRT1-mediated changes in diabetic retinopathy. <i>Diabetologia</i> , 2014 , 57, 1037-46	10.3	113
159	miRNA-1 regulates endothelin-1 in diabetes. <i>Life Sciences</i> , 2014 , 98, 18-23	6.8	30
158	Metallothionein prevents cardiac pathological changes in diabetes by modulating nitration and inactivation of cardiac ATP synthase. <i>Journal of Nutritional Biochemistry</i> , 2014 , 25, 463-74	6.3	20
157	Solitary fibrous tumour of the lacrimal sac presenting with recurrent dacryocystitis. <i>Canadian Journal of Ophthalmology</i> , 2014 , 49, e108-10	1.4	4
156	Cardiac miR-133a overexpression prevents early cardiac fibrosis in diabetes. <i>Journal of Cellular and Molecular Medicine</i> , 2014 , 18, 415-21	5.6	137
155	Glucose-induced cell signaling in the pathogenesis of diabetic cardiomyopathy. <i>Heart Failure Reviews</i> , 2014 , 19, 75-86	5	21
154	Inflammation is not the cause of an elevated serum ferritin in non-alcoholic fatty liver disease. <i>Annals of Hepatology</i> , 2014 , 13, 353-356	3.1	20
153	Heparanase shakes hands with lipoprotein lipase: a tale of two cells. <i>Diabetes</i> , 2014 , 63, 2600-2	0.9	1
152	Reprint of: miRNA-1 regulates endothelin-1 in diabetes. <i>Life Sciences</i> , 2014 , 118, 275-80	6.8	17
151	Mechanisms of endothelial to mesenchymal transition in the retina in diabetes 2014 , 55, 7321-31		81
150	Preventive effects of North American ginseng (<i>Panax quinquefolius</i>) on diabetic retinopathy and cardiomyopathy. <i>Phytotherapy Research</i> , 2013 , 27, 290-8	6.7	30
149	MicroRNAs: the underlying mediators of pathogenetic processes in vascular complications of diabetes. <i>Canadian Journal of Diabetes</i> , 2013 , 37, 339-44	2.1	16
148	Shedding light on a painful rash. <i>Arab Journal of Gastroenterology</i> , 2013 , 14, 83-4	1.7	
147	Oxidative-stress-induced epigenetic changes in chronic diabetic complications. <i>Canadian Journal of Physiology and Pharmacology</i> , 2013 , 91, 213-20	2.4	45
146	Phase II clinical trial of phlebotomy for non-alcoholic fatty liver disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2013 , 37, 720-9	6.1	55
145	North American Ginseng (<i>Panax quinquefolius</i>) prevents hyperglycemia and associated pancreatic abnormalities in diabetes. <i>Journal of Medicinal Food</i> , 2013 , 16, 587-92	2.8	24
144	High glucose induced alteration of SIRT1s in endothelial cells causes rapid aging in a p300 and FOXO regulated pathway. <i>PLoS ONE</i> , 2013 , 8, e54514	3.7	134
143	The prevention of diabetic cardiomyopathy by non-mitogenic acidic fibroblast growth factor is probably mediated by the suppression of oxidative stress and damage. <i>PLoS ONE</i> , 2013 , 8, e82287	3.7	33

142	Preventive effects of North American ginseng (<i>Panax quinquefolium</i>) on diabetic nephropathy. <i>Phytomedicine</i> , 2012 , 19, 494-505	6.5	33
141	ERK5 Regulates glucose-induced increased fibronectin production in the endothelial cells and in the retina in diabetes 2012 , 53, 8405-13		13
140	Regulation of vascular endothelial growth factor expression by extra domain B segment of fibronectin in endothelial cells 2012 , 53, 8333-43		16
139	Renal, retinal and cardiac changes in type 2 diabetes are attenuated by macitentan, a dual endothelin receptor antagonist. <i>Life Sciences</i> , 2012 , 91, 658-68	6.8	22
138	Genotoxic stress and activation of novel DNA repair enzymes in human endothelial cells and in the retinas and kidneys of streptozotocin diabetic rats. <i>Diabetes/Metabolism Research and Reviews</i> , 2012 , 28, 329-37	7.5	21
137	The impact of population-based screening studies on hemochromatosis screening practices. <i>Digestive Diseases and Sciences</i> , 2012 , 57, 1420-2	4	20
136	miR-320 Regulates Glucose-Induced Gene Expression in Diabetes. <i>Isrn Endocrinology</i> , 2012 , 2012, 549875		70
135	Glucose-Induced Cellular Signaling in Diabetic Retinopathy 2012 , 211-232		1
134	Molecular Mechanisms in the Pathogenesis of Diabetic Cardiomyopathy 2011 , 365-378		
133	Congenital choroidal melanoma in an infant. <i>Canadian Journal of Ophthalmology</i> , 2011 , 46, 203-4	1.4	5
132	A context-specific role for retinoblastoma protein-dependent negative growth control in suppressing mammary tumorigenesis. <i>PLoS ONE</i> , 2011 , 6, e16434	3.7	5
131	American ginseng (<i>Panax quinquefolius</i>) prevents glucose-induced oxidative stress and associated endothelial abnormalities. <i>Phytomedicine</i> , 2011 , 18, 1110-7	6.5	20
130	miR-146a-Mediated extracellular matrix protein production in chronic diabetes complications. <i>Diabetes</i> , 2011 , 60, 2975-84	0.9	159
129	MicroRNA-200b regulates vascular endothelial growth factor-mediated alterations in diabetic retinopathy. <i>Diabetes</i> , 2011 , 60, 1314-23	0.9	260
128	ERK5 Contributes to VEGF Alteration in Diabetic Retinopathy. <i>Journal of Ophthalmology</i> , 2010 , 2010, 465824	2	13
127	Mitotic chromosome condensation mediated by the retinoblastoma protein is tumor-suppressive. <i>Genes and Development</i> , 2010 , 24, 1351-63	12.6	90
126	Transcriptional coactivator p300 regulates glucose-induced gene expression in endothelial cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010 , 298, E127-37	6	125
125	Glucose-induced endothelin-1 expression is regulated by ERK5 in the endothelial cells and retina of diabetic rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2010 , 88, 607-15	2.4	16

124	miR133a regulates cardiomyocyte hypertrophy in diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2010 , 26, 40-9	7.5	155
123	CTLA-4Ig blocks the development and progression of citrullinated fibrinogen-induced arthritis in DR4-transgenic mice. <i>Arthritis and Rheumatism</i> , 2010 , 62, 2941-52		14
122	A functional connection between pRB and transforming growth factor beta in growth inhibition and mammary gland development. <i>Molecular and Cellular Biology</i> , 2009 , 29, 4455-66	4.8	21
121	Curcumin prevents diabetes-associated abnormalities in the kidneys by inhibiting p300 and nuclear factor-kappaB. <i>Nutrition</i> , 2009 , 25, 964-72	4.8	143
120	Response to Inhibition of p300 and nuclear factor- κ B by curcumin and its role in diabetic nephropathy. <i>Nutrition</i> , 2009 , 25, 975-976	4.8	3
119	Leptin and endothelin-1 mediated increased extracellular matrix protein production and cardiomyocyte hypertrophy in diabetic heart disease. <i>Diabetes/Metabolism Research and Reviews</i> , 2009 , 25, 452-63	7.5	27
118	The role of Akt1 in terminal stages of endochondral bone formation: angiogenesis and ossification. <i>Bone</i> , 2009 , 45, 1133-45	4.7	76
117	Extracellular matrix proteins in epiretinal membranes and in diabetic retinopathy. <i>Current Eye Research</i> , 2009 , 34, 134-44	2.9	28
116	Synchrotron X-ray microscopy and spectroscopy analysis of iron in hemochromatosis liver and intestines. <i>Journal of Physics: Conference Series</i> , 2009 , 190, 012207	0.3	
115	Steatosis is a lot more than holes in hepatocytes. <i>Saudi Journal of Gastroenterology</i> , 2009 , 15, 1	3	
114	PARP mediates structural alterations in diabetic cardiomyopathy. <i>Journal of Molecular and Cellular Cardiology</i> , 2008 , 45, 385-93	5.8	50
113	Oxidative stress-induced, poly(ADP-ribose) polymerase-dependent upregulation of ET-1 expression in chronic diabetic complications. <i>Canadian Journal of Physiology and Pharmacology</i> , 2008 , 86, 365-72	2.4	41
112	Regulation of cardiomyocyte hypertrophy in diabetes at the transcriptional level. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008 , 294, E1119-26	6	84
111	Is serum hepcidin causative in hemochromatosis? Novel analysis from a liver transplant with hemochromatosis. <i>Canadian Journal of Gastroenterology & Hepatology</i> , 2008 , 22, 851-3		7
110	PARP activation and the alteration of vasoactive factors and extracellular matrix protein in retina and kidney in diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2008 , 24, 404-12	7.5	46
109	Leptin-induced cardiomyocyte hypertrophy involves selective caveolae and RhoA/ROCK-dependent p38 MAPK translocation to nuclei. <i>Cardiovascular Research</i> , 2008 , 77, 64-72	9.9	72
108	Diabetic Retinopathy: From Pathogenesis to Treatment. <i>Experimental Diabetes Research</i> , 2007 , 2007, 1-2		7
107	Role of endothelin-1, sodium hydrogen exchanger-1 and mitogen activated protein kinase (MAPK) activation in glucose-induced cardiomyocyte hypertrophy. <i>Diabetes/Metabolism Research and Reviews</i> , 2007 , 23, 356-67	7.5	47

106	Recurrent hepatocellular carcinoma after transplantation: use of a pathological score on explanted livers to predict recurrence. <i>Liver Transplantation</i> , 2007 , 13, 543-51	4.5	125
105	Akt activation and augmented fibronectin production in hyperhexosemia. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 293, E1036-44	6	17
104	Cellular signaling and potential new treatment targets in diabetic retinopathy. <i>Experimental Diabetes Research</i> , 2007 , 2007, 31867		61
103	Actin cytoskeleton dynamics promotes leptin-induced vascular smooth muscle hypertrophy via RhoA/ROCK- and phosphatidylinositol 3-kinase/protein kinase B-dependent pathways. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 322, 1110-6	4.7	39
102	Vascular endothelial dysfunction in diabetic cardiomyopathy: pathogenesis and potential treatment targets 2006 , 111, 384-99		75
101	Therapeutic targeting of endothelial dysfunction in chronic diabetic complications. <i>Recent Patents on Cardiovascular Drug Discovery</i> , 2006 , 1, 167-75		13
100	Towards newer molecular targets for chronic diabetic complications. <i>Current Vascular Pharmacology</i> , 2006 , 4, 45-57	3.3	43
99	Diabetes-induced extracellular matrix protein expression is mediated by transcription coactivator p300. <i>Diabetes</i> , 2006 , 55, 3104-11	0.9	84
98	Liver diseases in the hemochromatosis and iron overload screening study. <i>Clinical Gastroenterology and Hepatology</i> , 2006 , 4, 918-23; quiz 807	6.9	48
97	Differential effects of curcumin on vasoactive factors in the diabetic rat heart. <i>Nutrition and Metabolism</i> , 2006 , 3, 27	4.6	77
96	Endothelin-mediated oncofetal fibronectin expression in chronic allograft nephropathy. <i>Transplantation</i> , 2006 , 82, 406-14	1.8	9
95	Endothelins: regulators of extracellular matrix protein production in diabetes. <i>Experimental Biology and Medicine</i> , 2006 , 231, 1022-9	3.7	21
94	Chemokine receptor CXCR4-beta1 integrin axis mediates tumorigenesis of osteosarcoma HOS cells. <i>Biochemistry and Cell Biology</i> , 2005 , 83, 36-48	3.6	23
93	ED-B fibronectin in non-small cell lung carcinoma. <i>Experimental Lung Research</i> , 2005 , 31, 701-11	2.3	21
92	Glucose-induced serum- and glucocorticoid-regulated kinase activation in oncofetal fibronectin expression. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 329, 275-80	3.4	21
91	Heme oxygenase modulates small intestine leukocyte adhesion following hindlimb ischemia/reperfusion by regulating the expression of intercellular adhesion molecule-1. <i>Critical Care Medicine</i> , 2005 , 33, 2563-70	1.4	29
90	2-amino-phenoxazine-3-one attenuates glucose-induced augmentation of embryonic form of myosin heavy chain, endothelin-1 and plasminogen activator inhibitor-1 in human umbilical vein endothelial cells. <i>Biological and Pharmaceutical Bulletin</i> , 2005 , 28, 797-801	2.3	7
89	Peritransplant treatment with cobalt protoporphyrin attenuates chronic renal allograft rejection. <i>Transplant International</i> , 2005 , 18, 341-9	3	15

88	Catastrophic microangiopathy induced by high-titre factor VIII inhibitors after liver transplantation for haemophilia A with cirrhosis. <i>Haemophilia</i> , 2005 , 11, 623-8	3.3	11
87	Endothelin-mediated remodeling in aortas of diabetic rats. <i>Diabetes/Metabolism Research and Reviews</i> , 2005 , 21, 367-75	7.5	31
86	Glucose-induced up-regulation of CD36 mediates oxidative stress and microvascular endothelial cell dysfunction. <i>Diabetologia</i> , 2005 , 48, 1401-10	10.3	45
85	Glucose-induced Akt1 activation mediates fibronectin synthesis in endothelial cells. <i>Diabetologia</i> , 2005 , 48, 2428-36	10.3	21
84	EDB fibronectin and angiogenesis -- a novel mechanistic pathway. <i>Angiogenesis</i> , 2005 , 8, 183-96	10.6	78
83	Glucose-induced regulation of novel iron transporters in vascular endothelial cell dysfunction. <i>Free Radical Research</i> , 2005 , 39, 1203-10	4	7
82	Leptin induces vascular smooth muscle cell hypertrophy through angiotensin II- and endothelin-1-dependent mechanisms and mediates stretch-induced hypertrophy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 315, 1075-84	4.7	85
81	Oncofetal fibronectin in diabetic retinopathy. <i>Investigative Ophthalmology and Visual Science</i> , 2004 , 45, 287-95		67
80	C-peptide and retinal microangiopathy in diabetes. <i>Experimental Diabetes Research</i> , 2004 , 5, 91-6		20
79	Pro-oxidant role of heme oxygenase in mediating glucose-induced endothelial cell damage. <i>Free Radical Research</i> , 2004 , 38, 1301-10	4	35
78	Potential contributory role of H-Ras, a small G-protein, in the development of retinopathy in diabetic rats. <i>Diabetes</i> , 2004 , 53, 775-83	0.9	41
77	Heme-oxygenase-mediated iron accumulation in the liver. <i>Canadian Journal of Physiology and Pharmacology</i> , 2004 , 82, 448-56	2.4	23
76	Extracellular signal-regulated kinase (ERK) in glucose-induced and endothelin-mediated fibronectin synthesis. <i>Laboratory Investigation</i> , 2004 , 84, 1451-9	5.9	50
75	Re-institution of good metabolic control in diabetic rats and activation of caspase-3 and nuclear transcriptional factor (NF-kappaB) in the retina. <i>Acta Diabetologica</i> , 2004 , 41, 194-9	3.9	72
74	Vascular endothelial growth factor in diabetes induced early retinal abnormalities. <i>Diabetes Research and Clinical Practice</i> , 2004 , 65, 197-208	7.4	30
73	The role of the sodium hydrogen exchanger-1 in mediating diabetes-induced changes in the retina. <i>Diabetes/Metabolism Research and Reviews</i> , 2004 , 20, 61-71	7.5	14
72	Co-localization of stanniocalcin-1 ligand and receptor in human breast carcinomas. <i>Molecular and Cellular Endocrinology</i> , 2004 , 213, 167-72	4.4	39
71	Improvement in human decay accelerating factor transgenic porcine kidney xenograft rejection with intravenous administration of gas914, a polymeric form of alphaGAL. <i>Transplantation</i> , 2003 , 75, 10-9	1.8	44

70	Alteration in CD45RBhi/CD45RBlo T-cell ratio following CD45RB monoclonal-antibody therapy occurs by selective deletion of CD45RBhi effector cells. <i>Transplantation</i> , 2003 , 76, 400-9	1.8	17
69	High glucose-induced, endothelin-dependent fibronectin synthesis is mediated via NF-kappa B and AP-1. <i>American Journal of Physiology - Cell Physiology</i> , 2003 , 284, C263-72	5.4	102
68	Differential activation of NF-kappa B and AP-1 in increased fibronectin synthesis in target organs of diabetic complications. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 284, E1089-97	6.97	120
67	Growth factors in proliferative diabetic retinopathy. <i>Experimental Diabetes Research</i> , 2003 , 4, 287-301		50
66	Ex vivo and extracorporeal perfusion with hDAF pig kidneys. <i>Xenotransplantation</i> , 2003 , 10, 410-21	2.8	4
65	Heme oxygenase in diabetes-induced oxidative stress in the heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2003 , 35, 1439-48	5.8	94
64	Endothelins in chronic diabetic complications. <i>Canadian Journal of Physiology and Pharmacology</i> , 2003 , 81, 622-34	2.4	63
63	Endothelin-1 promotes migration and induces elevation of [Ca ²⁺] _i and phosphorylation of MAP kinase of a human extravillous trophoblast cell line. <i>Molecular and Cellular Endocrinology</i> , 2003 , 201, 63-73	4.4	57
62	Expression of ferroportin in hemochromatosis liver. <i>Blood Cells, Molecules, and Diseases</i> , 2003 , 31, 256-61	1.1	15
61	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. <i>Canadian Journal of Physiology and Pharmacology</i> , 2003 , 81, 105-13	2.4	19
60	Diabetes-induced activation of nuclear transcriptional factor in the retina, and its inhibition by antioxidants. <i>Free Radical Research</i> , 2003 , 37, 1169-80	4	195
59	Endothelins and Cardiovascular Disease in Diabetes. <i>Progress in Experimental Cardiology</i> , 2003 , 301-315		
58	Endothelin-1-mediated alteration of metallothionein and trace metals in the liver and kidneys of chronically diabetic rats. <i>International Journal of Experimental Diabetes Research</i> , 2002 , 3, 193-8		26
57	Natural history of C282Y homozygotes for hemochromatosis. <i>Canadian Journal of Gastroenterology & Hepatology</i> , 2002 , 16, 297-302		51
56	Alteration of endothelins: a common pathogenetic mechanism in chronic diabetic complications. <i>International Journal of Experimental Diabetes Research</i> , 2002 , 3, 217-31		13
55	A nomogram to predict C282Y hemochromatosis. <i>Translational Research</i> , 2002 , 140, 6-8		11
54	Contributions of endothelin-1 and sodium hydrogen exchanger-1 in the diabetic myocardium. <i>Diabetes/Metabolism Research and Reviews</i> , 2002 , 18, 386-94	7.5	40
53	Thymic re-entry of mature activated T cells and increased negative selection in vascularized allograft recipients. <i>Clinical and Experimental Immunology</i> , 2002 , 127, 43-52	6.2	18

52	Noninvasive prediction of cirrhosis in C282Y-linked hemochromatosis. <i>Hepatology</i> , 2002 , 36, 673-8	11.2	85
51	Empirical calculation of roll damping for ships and barges. <i>Ocean Engineering</i> , 2001 , 28, 915-932	3.9	68
50	A new cause of Zollinger-Ellison syndrome: non-small cell lung cancer. <i>Gastroenterology</i> , 2001 , 120, 1271-83	18.3	21
49	The alpha-Gal analog GAS914 ameliorates delayed rejection of hDAF transgenic pig-to-baboon renal xenografts. <i>Transplantation Proceedings</i> , 2001 , 33, 3853-4	1.1	8
48	High-glucose-induced metallothionein expression in endothelial cells: an endothelin-mediated mechanism. <i>American Journal of Physiology - Cell Physiology</i> , 2001 , 281, C899-907	5.4	28
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