Cristina Hernandez

List of Publications by Citations

195 papers	6,505 citations	46 h-index	72 g-index
213 ext. papers	7,981 ext. citations	5.6 avg, IF	6.03 L-index

#	Paper	IF	Citations
195	Neurodegeneration in the diabetic eye: new insights and therapeutic perspectives. *Trends in Endocrinology and Metabolism*, **2014**, 25, 23-33	8.8	273
194	Angiogenic and antiangiogenic factors in proliferative diabetic retinopathy. *Current Diabetes Reviews*, **2006**, 2, 71-98	2.7	268
193	The retinal pigment epithelium: something more than a constituent of the blood-retinal barrier--implications for the pathogenesis of diabetic retinopathy. *Journal of Biomedicine and Biotechnology*, **2010**, 2010, 190724		260
192	Association between plasma triglycerides and high-density lipoprotein cholesterol and microvascular kidney disease and retinopathy in type 2 diabetes mellitus: a global case-control study in 13 countries. *Circulation*, **2014**, 129, 999-1008	16.7	153
191	High prevalence of glucose abnormalities in patients with hepatitis C virus infection: a multivariate analysis considering the liver injury. *Diabetes Care*, **2004**, 27, 1171-5	14.6	151
190	Novel approaches for treating diabetic retinopathy based on recent pathogenic evidence. *Progress in Retinal and Eye Research*, **2015**, 48, 160-80	20.5	148
189	Novel insights in SHBG regulation and clinical implications. *Trends in Endocrinology and Metabolism*, **2015**, 26, 376-83	8.8	136
188	Lower somatostatin expression is an early event in diabetic retinopathy and is associated with retinal neurodegeneration. *Diabetes Care*, **2007**, 30, 2902-8	14.6	127
187	Topical Administration of GLP-1 Receptor Agonists Prevents Retinal Neurodegeneration in Experimental Diabetes. *Diabetes*, **2016**, 65, 172-87	0.9	119
186	The db/db mouse: a useful model for the study of diabetic retinal neurodegeneration. *PLoS ONE*, **2014**, 9, e97302	3.7	113
185	Phagocytic activity is impaired in type 2 diabetes mellitus and increases after metabolic improvement. *PLoS ONE*, **2011**, 6, e23366	3.7	108
184	Erythropoietin is expressed in the human retina and it is highly elevated in the vitreous fluid of patients with diabetic macular edema. *Diabetes Care*, **2006**, 29, 2028-33	14.6	107
183	Advances in the medical treatment of diabetic retinopathy. *Diabetes Care*, **2009**, 32, 1556-62	14.6	106
182	Sustained virological response correlates with reduction in the incidence of glucose abnormalities in patients with chronic hepatitis C virus infection. *Diabetes Care*, **2006**, 29, 2462-6	14.6	104
181	Neurodegeneration is an early event in diabetic retinopathy: therapeutic implications. *British Journal of Ophthalmology*, **2012**, 96, 1285-90	5.5	102
180	Iron deficiency in obese postmenopausal women. *Obesity*, **2006**, 14, 1724-30	8	99
179	Topical administration of somatostatin prevents retinal neurodegeneration in experimental diabetes. *Diabetes*, **2013**, 62, 2569-78	0.9	87

178	Cognitive impairment and dementia: a new emerging complication of type 2 diabetes-The diabetologistR s perspective. *Acta Diabetologica*, **2017**, 54, 417-424	3.9	86
177	Neurodegeneration: An early event of diabetic retinopathy. *World Journal of Diabetes*, **2010**, 1, 57-64	4.7	85
176	Screening for diabetic retinopathy: new perspectives and challenges. *Lancet Diabetes and Endocrinology,the*, **2020**, 8, 337-347	18.1	82
175	Lower zinc-alpha2-glycoprotein production by adipose tissue and liver in obese patients unrelated to insulin resistance. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 4499-507	5.6	78
174	Expression of erythropoietin and its receptor in the human retina: a comparative study of diabetic and nondiabetic subjects. *Diabetes Care*, **2008**, 31, 1189-94	14.6	75
173	Potential role of tumor necrosis factor-□n downregulating sex hormone-binding globulin. *Diabetes* , **2012**, 61, 372-82	0.9	74
172	Free insulin growth factor-I and vascular endothelial growth factor in the vitreous fluid of patients with proliferative diabetic retinopathy. *American Journal of Ophthalmology*, **2002**, 134, 376-82	4.9	71
171	Effects of sardine-enriched diet on metabolic control, inflammation and gut microbiota in drug-na□e patients with type 2 diabetes: a pilot randomized trial. *Lipids in Health and Disease*, **2016**, 15, 78	4.4	71
170	Usefulness of the vitreous fluid analysis in the translational research of diabetic retinopathy. *Mediators of Inflammation*, **2012**, 2012, 872978	4.3	65
169	Metabolic fingerprints of proliferative diabetic retinopathy: an 1H-NMR-based metabonomic approach using vitreous humor **2010**, 51, 4416-21		64
168	Functional and Structural Findings of Neurodegeneration in Early Stages of Diabetic Retinopathy: Cross-sectional Analyses of Baseline Data of the EUROCONDOR Project. *Diabetes*, **2017**, 66, 2503-2510	0.9	63
167	Beneficial effects of fenofibrate in retinal pigment epithelium by the modulation of stress and survival signaling under diabetic conditions. *Journal of Cellular Physiology*, **2012**, 227, 2352-62	7	62
166	Modulation of microglia polarization dynamics during diabetic retinopathy in db/db mice. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2016**, 1862, 1663-74	6.9	57
165	Deficit of somatostatin-like immunoreactivity in the vitreous fluid of diabetic patients: possible role in the development of proliferative diabetic retinopathy. *Diabetes Care*, **2002**, 25, 2282-6	14.6	54
164	Genetics in diabetic retinopathy: current concepts and new insights. *Current Genomics*, **2013**, 14, 289-99	2.6	53
163	Apolipoprotein A1 is overexpressed in the retina of diabetic patients. *American Journal of Ophthalmology*, **2009**, 147, 319-325.e1	4.9	52
162	Somatostatin molecular variants in the vitreous fluid: a comparative study between diabetic patients with proliferative diabetic retinopathy and nondiabetic control subjects. *Diabetes Care*, **2005**, 28, 1941-7	14.6	51
161	Circulating Biomarkers of Diabetic Retinopathy: An Overview Based on Physiopathology. *Journal of Diabetes Research*, **2016**, 2016, 5263798	3.9	51

160	Neuroprotection in diabetic retinopathy. *Current Diabetes Reports*, **2012**, 12, 329-37	5.6	50
159	Elevation of apolipoprotein A-I and apolipoprotein H levels in the vitreous fluid and overexpression in the retina of diabetic patients. *JAMA Ophthalmology*, **2008**, 126, 1076-81		50
158	Neuroprotection as a Therapeutic Target for Diabetic Retinopathy. *Journal of Diabetes Research*, **2016**, 2016, 9508541	3.9	50
157	Diabetic Retinopathy in the Context of Patients with Diabetes. *Ophthalmic Research*, **2019**, 62, 211-217	2.9	49
156	Proteomic Analysis of Early Diabetic Retinopathy Reveals Mediators of Neurodegenerative Brain Diseases **2018**, 59, 2264-2274		49
155	Adiponectin upregulates SHBG production: molecular mechanisms and potential implications. *Endocrinology*, **2014**, 155, 2820-30	4.8	49
154	Effects of high glucose concentration on the barrier function and the expression of tight junction proteins in human retinal pigment epithelial cells. *Experimental Eye Research*, **2009**, 89, 913-20	3.7	49
153	Fenofibric acid reduces fibronectin and collagen type IV overexpression in human retinal pigment epithelial cells grown in conditions mimicking the diabetic milieu: functional implications in retinal permeability **2011**, 52, 6348-54		49
152	IL1□down-regulation of sex hormone-binding globulin production by decreasing HNF-4□via MEK-1/2 and JNK MAPK pathways. *Molecular Endocrinology*, **2012**, 26, 1917-27		48
151	Effects of Topically Administered Neuroprotective Drugs in Early Stages of Diabetic Retinopathy: Results of the EUROCONDOR Clinical Trial. *Diabetes*, **2019**, 68, 457-463	0.9	48
150	Factors accounting for high ferritin levels in obesity. *International Journal of Obesity*, **2008**, 32, 1665-9	5.5	46
149	Lowered cortistatin expression is an early event in the human diabetic retina and is associated with apoptosis and glial activation. *Molecular Vision*, **2008**, 14, 1496-502	2.3	46
148	Non-invasive methods of glucose measurement: current status and future perspectives. *Current Diabetes Reviews*, **2012**, 8, 48-54	2.7	44
147	Serum markers of vascular inflammation in dyslipemia. *Clinica Chimica Acta*, **2006**, 369, 1-16	6.2	44
146	Diabetes is the main factor accounting for hypomagnesemia in obese subjects. *PLoS ONE*, **2012**, 7, e30599	3.7	44
145	geoRge: A Computational Tool To Detect the Presence of Stable Isotope Labeling in LC/MS-Based Untargeted Metabolomics. *Analytical Chemistry*, **2016**, 88, 621-8	7.8	43
144	Type 2 diabetes is an independent risk factor for dementia conversion in patients with mild cognitive impairment. *Journal of Diabetes and Its Complications*, **2017**, 31, 1272-1274	3.2	42
143	Molecular Mechanism of TNF□nduced Down-Regulation of SHBG Expression. *Molecular Endocrinology*, **2012**, 26, 438-46		42

142	Topical administration of DPP-IV inhibitors prevents retinal neurodegeneration in experimental diabetes. *Diabetologia*, **2017**, 60, 2285-2298	10.3	39
141	Gene expression of paired abdominal adipose AQP7 and liver AQP9 in patients with morbid obesity: relationship with glucose abnormalities. *Metabolism: Clinical and Experimental*, **2009**, 58, 1762-8	12.7	39
140	Diabetes is the main factor accounting for the high ferritin levels detected in chronic hepatitis C virus infection. *Diabetes Care*, **2004**, 27, 2669-75	14.6	38
139	A compartmentalized microfluidic chip with crisscross microgrooves and electrophysiological electrodes for modeling the blood-retinal barrier. *Lab on A Chip*, **2017**, 18, 95-105	7.2	38
138	Glucose abnormalities are an independent risk factor for nonresponse to antiviral treatment in chronic hepatitis C. *American Journal of Gastroenterology*, **2007**, 102, 2189-95	0.7	37
137	Deficit of somatostatin in the vitreous fluid of patients with diabetic macular edema. *Diabetes Care*, **2007**, 30, 725-7	14.6	37
136	Islet cell and thyroid antibody prevalence in patients with hepatitis C virus infection: effect of treatment with interferon. *Translational Research*, **2001**, 137, 38-42		37
135	Proapoptotic and survival signaling in the neuroretina at early stages of diabetic retinopathy. *Molecular Vision*, **2013**, 19, 47-53	2.3	37
134	GLP-1R as a Target for the Treatment of Diabetic Retinopathy: Friend or Foe?. *Diabetes*, **2017**, 66, 1453-1460	8.9	36
133	Nitric oxide and vascular endothelial growth factor concentrations are increased but not related in vitreous fluid of patients with proliferative diabetic retinopathy. *Diabetic Medicine*, **2002**, 19, 655-60	3.5	36
132	V804M RET mutation and familial medullary thyroid carcinoma: report of a large family with expression of the disease only in the homozygous gene carriers. *Surgery*, **2002**, 131, 509-14	3.6	36
131	Fenofibrate for diabetic retinopathy. *Lancet, The*, **2007**, 370, 1667-8	40	35
130	Strategies for blocking angiogenesis in diabetic retinopathy: from basic science to clinical practice. *Expert Opinion on Investigational Drugs*, **2007**, 16, 1209-26	5.9	35
129	Effect of fenofibrate on retinal neurodegeneration in an experimental model of type 2 diabetes. *Acta Diabetologica*, **2015**, 52, 113-22	3.9	34
128	Soluble transferrin receptors and ferritin in Type 2 diabetic patients. *Diabetic Medicine*, **2005**, 22, 97-101	3.5	34
127	Usefulness of peripapillary nerve fiber layer thickness assessed by optical coherence tomography as a biomarker for Alzheimer's disease. *Scientific Reports*, **2018**, 8, 16345	4.9	34
126	Somatostatin and diabetic retinopathy: current concepts and new therapeutic perspectives. *Endocrine*, **2014**, 46, 209-14	4	31
125	Update on Diagnosis and Treatment of Diabetic Retinopathy: A Consensus Guideline of the Working Group of Ocular Health (Spanish Society of Diabetes and Spanish Vitreous and Retina Society). *Journal of Ophthalmology*, **2017**, 2017, 8234186	2	31

124	Erythropoietin produced by the retina: its role in physiology and diabetic retinopathy. *Endocrine*, **2012**, 41, 220-6	4	31
123	CD4-CD8 and CD28 expression in T cells infiltrating the vitreous fluid in patients with proliferative diabetic retinopathy: a flow cytometric analysis. *JAMA Ophthalmology*, **2004**, 122, 743-9		31
122	Pulmonary Function and Sleep Breathing: Two New Targets for Type 2 Diabetes Care. *Endocrine Reviews*, **2017**, 38, 550-573	27.2	30
121	Erythropoietin protects retinal pigment epithelial cells against the increase of permeability induced by diabetic conditions: essential role of JAK2/ PI3K signaling. *Cellular Signalling*, **2011**, 23, 1596-602	4.9	29
120	Iron overload in diabetic retinopathy: a cause or a consequence of impaired mechanisms?. *Experimental Diabetes Research*, **2010**, 2010,		27
119	Update on cardiovascular safety of PPARgamma agonists and relevance to medicinal chemistry and clinical pharmacology. *Current Topics in Medicinal Chemistry*, **2012**, 12, 585-604	3	26
118	Sex Hormone-Binding Globulin Reduction in Metabolic Disorders May Play a Role in NAFLD Development. *Endocrinology*, **2017**, 158, 545-559	4.8	25
117	Diabetes is an independent risk factor for severe nocturnal hypoxemia in obese patients. A case-control study. *PLoS ONE*, **2009**, 4, e4692	3.7	25
116	Osteoprotegerin Is a New Regulator of Inflammation and Angiogenesis in Proliferative Diabetic Retinopathy **2017**, 58, 3189-3201		24
115	Differential effects of gemfibrozil and fenofibrate on reverse cholesterol transport from macrophages to feces in vivo. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2011**, 1811, 104-10	5	24
114	Type 2 diabetes impairs pulmonary function in morbidly obese women: a case-control study. *Diabetologia*, **2010**, 53, 1210-6	10.3	23
113	Fenofibrate prevents the disruption of the outer blood retinal barrier through downregulation of NF-Β activity. *Acta Diabetologica*, **2016**, 53, 109-18	3.9	22
112	DNA Methylomes Reveal Biological Networks Involved in Human Eye Development, Functions and Associated Disorders. *Scientific Reports*, **2017**, 7, 11762	4.9	22
111	Impact of glucose-lowering agents on the risk of cancer in type 2 diabetic patients. The Barcelona case-control study. *PLoS ONE*, **2013**, 8, e79968	3.7	22
110	Insulin resistance is related to impaired lung function in morbidly obese women: a case-control study. *Diabetes/Metabolism Research and Reviews*, **2010**, 26, 639-45	7.5	22
109	Lipoprotein(a) as a risk factor for cardiovascular mortality in type 2 diabetic patients: a 10-year follow-up study. *Diabetes Care*, **2005**, 28, 931-3	14.6	22
108	New Insights into the Mechanisms of Action of Topical Administration of GLP-1 in an Experimental Model of Diabetic Retinopathy. *Journal of Clinical Medicine*, **2019**, 8,	5.1	21
107	Testosterone induces cell proliferation and cell cycle gene overexpression in human visceral preadipocytes. *American Journal of Physiology - Cell Physiology*, **2013**, 305, C355-9	5.4	21

106	Prevalence and risk factors accounting for true silent myocardial ischemia: a pilot case-control study comparing type 2 diabetic with non-diabetic control subjects. *Cardiovascular Diabetology*, **2011**, 10, 9	8.7	21
105	Prevention and treatment of diabetic retinopathy: evidence from large, randomized trials. The emerging role of fenofibrate. *Reviews on Recent Clinical Trials*, **2012**, 7, 71-80	1.2	20
104	Beneficial effects of fenofibric acid on overexpression of extracellular matrix components, COX-2, and impairment of endothelial permeability associated with diabetic retinopathy. *Experimental Eye Research*, **2015**, 140, 124-129	3.7	19
103	Glucose abnormalities in non-alcoholic fatty liver disease and chronic hepatitis C virus infection: the role of iron overload. *Diabetes/Metabolism Research and Reviews*, **2009**, 25, 403-10	7.5	19
102	Diabetes protects from prostate cancer by downregulating androgen receptor: new insights from LNCaP cells and PAC120 mouse model. *PLoS ONE*, **2013**, 8, e74179	3.7	19
101	Vision related quality of life in patients with type 2 diabetes in the EUROCONDOR trial. *Endocrine*, **2017**, 57, 83-88	4	18
100	Intravitreous hepatocyte growth factor in patients with proliferative diabetic retinopathy: a case-control study. *Diabetes Research and Clinical Practice*, **2006**, 71, 36-44	7.4	18
99	Visual impairment in aging and cognitive decline: experience in a Memory Clinic. *Scientific Reports*, **2019**, 9, 8698	4.9	17
98	Molecular Implications of the PPARs in the Diabetic Eye. *PPAR Research*, **2013**, 2013, 686525	4.3	17
97	High glucose concentration leads to differential expression of tight junction proteins in human retinal pigment epithelial cells. *Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion*, **2009**, 56, 53-8		17
96	Global Assessment of the Impact of Type 2 Diabetes on Sleep through Specific Questionnaires. A Case-Control Study. *PLoS ONE*, **2016**, 11, e0157579	3.7	17
95	Somatostatin protects photoreceptor cells against high glucose-induced apoptosis. *Molecular Vision*, **2016**, 22, 1522-1531	2.3	17
94	Somatostatin replacement: a new strategy for treating diabetic retinopathy. *Current Medicinal Chemistry*, **2013**, 20, 3251-7	4.3	17
93	SHBG-C57BL/ksJ-db/db: A New Mouse Model to Study SHBG Expression and Regulation During Obesity Development. *Endocrinology*, **2015**, 156, 4571-81	4.8	16
92	SOCS1-Derived Peptide Administered by Eye Drops Prevents Retinal Neuroinflammation and Vascular Leakage in Experimental Diabetes. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	16
91	Calcium dobesilate prevents the oxidative stress and inflammation induced by diabetes in the retina of db/db mice. *Journal of Diabetes and Its Complications*, **2017**, 31, 1481-1490	3.2	16
90	Serum Surfactant Protein D as a Biomarker for Measuring Lung Involvement in Obese Patients With Type 2 Diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 4109-4116	5.6	16
89	Oleic acid increases hepatic sex hormone binding globulin production in men. *Molecular Nutrition and Food Research*, **2014**, 58, 760-7	5.9	16

88	Free insulin-like growth factor 1 in the vitreous fluid of diabetic patients with proliferative diabetic retinopathy: a case-control study. *Clinical Science*, **2003**, 104, 223-30	6.5	16
87	Retinal Microperimetry: A New Tool for Identifying Patients With Type 2 Diabetes at Risk for Developing Alzheimer Disease. *Diabetes*, **2017**, 66, 3098-3104	0.9	15
86	Sex Hormone-Binding Globulin Expression Correlates With Acetyl-Coenzyme A Carboxylase and Triglyceride Content in Human Liver. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 1500-1507	5.6	15
85	Effects of Liposomal Formulation of Citicoline in Experimental Diabetes-Induced Retinal Neurodegeneration. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	15
84	Effects of the neuroprotective drugs somatostatin and brimonidine on retinal cell models of diabetic retinopathy. *Acta Diabetologica*, **2016**, 53, 957-964	3.9	14
83	Glycogen storage in the human retinal pigment epithelium: a comparative study of diabetic and non-diabetic donors. *Acta Diabetologica*, **2014**, 51, 543-52	3.9	14
82	Effect of glycemic control on nocturnal arterial oxygen saturation: a case-control study in type 2 diabetic patients. *Journal of Diabetes*, **2015**, 7, 133-8	3.8	14
81	TNF-□system and lung function impairment in obesity. *Cytokine*, **2011**, 54, 121-4	4	14
80	Measuring permeability in human retinal epithelial cells (ARPE-19): implications for the study of diabetic retinopathy. *Methods in Molecular Biology*, **2011**, 763, 179-94	1.4	14
79	Topical Administration of Bosentan Prevents Retinal Neurodegeneration in Experimental Diabetes. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	14
78	Usefulness of Liquid Biopsy Biomarkers from Aqueous Humor in Predicting Anti-VEGF Response in Diabetic Macular Edema: Results of a Pilot Study. *Journal of Clinical Medicine*, **2019**, 8,	5.1	13
77	Calcium Dobesilate Prevents Neurodegeneration and Vascular Leakage in Experimental Diabetes. *Current Eye Research*, **2017**, 42, 1273-1286	2.9	13
76	Is fenofibrate a reasonable treatment for diabetic microvascular disease?. *Current Diabetes Reports*, **2015**, 15, 24	5.6	12
75	Response to oral sucrosomial iron supplementation in patients undergoing bariatric surgery. The BARI-FER study. *Endocrinologia, Diabetes Y Nutrici□*, **2018**, 65, 17-20	1.3	12
74	Proteomic analysis of cerebrospinal fluid from obese women with idiopathic intracranial hypertension: a new approach for identifying new candidates in the pathogenesis of obesity. *Journal of Neuroendocrinology*, **2012**, 24, 944-52	3.8	12
73	Characterization of sleep breathing pattern in patients with type 2 diabetes: sweet sleep study. *PLoS ONE*, **2015**, 10, e0119073	3.7	12
72	False-positive results of basal and pentagastrin-stimulated calcitonin in non-gene carriers of multiple endocrine neoplasia type 2A. *Thyroid*, **1997**, 7, 51-4	6.2	11
71	Assessment of Inner Retinal Layers and Choroidal Thickness in Type 1 Diabetes Mellitus: A Cross-Sectional Study. *Journal of Clinical Medicine*, **2019**, 8,	5.1	10

70	Topical Treatment With Brimonidine and Somatostatin Causes Retinal Vascular Dilation in Patients With Early Diabetic Retinopathy From the EUROCONDOR **2019**, 60, 2257-2262		10
69	Evaluation of macular thickness and volume tested by optical coherence tomography as biomarkers for Alzheimer's disease in a memory clinic. *Scientific Reports*, **2020**, 10, 1580	4.9	10
68	New pathogenic candidates for diabetic macular edema detected by proteomic analysis. *Diabetes Care*, **2010**, 33, e92	14.6	10
67	Lipopolysaccharide-binding protein and soluble CD14 in the vitreous fluid of patients with proliferative diabetic retinopathy. *Retina*, **2010**, 30, 345-52	3.6	10
66	Identification of new pathogenic candidates for diabetic macular edema using fluorescence-based difference gel electrophoresis analysis. *Diabetes/Metabolism Research and Reviews*, **2013**, 29, 499-506	7.5	9
65	Thyroid hormone upregulates zinc-2-glycoprotein production in the liver but not in adipose tissue. *PLoS ONE*, **2014**, 9, e85753	3.7	9
64	Intravitreous leptin concentrations in patients with proliferative diabetic retinopathy. *Retina*, **2004**, 24, 30-5	3.6	9
63	Relationship of lipoprotein(a) and its phenotypes with the albumin excretion rate in diabetic patients: a multivariate analysis. *Nephron*, **2000**, 85, 27-33	3.3	9
62	Diabetic retinopathy as an independent predictor of subclinical cardiovascular disease: baseline results of the PRECISED study. *BMJ Open Diabetes Research and Care*, **2019**, 7, e000845	4.5	9
61	Association between retinal thickness and amyloid brain accumulation in individuals with subjective cognitive decline: FundaciACE Healthy Brain Initiative. *Alzheimer's Research and Therapy*, **2020**, 12, 37	9	9
60	Assessment of advanced glycation end-products as a biomarker of diabetic outcomes. *Endocrinologia, Diabetes Y Nutrici*, **2018**, 65, 540-545	1.3	9
59	Silymarin prevents diabetes-induced hyperpermeability in human retinal endothelial cells. *Endocrinologia, Diabetes Y Nutrici*, **2018**, 65, 200-205	1.3	8
58	Free insulin-like growth factor 1 in the vitreous fluid of diabetic patients with proliferative diabetic retinopathy: a case-control study. *Clinical Science*, **2003**, 104, 223-230	6.5	8
57	Cellular and humoral immunogenicity of the mRNA-1273 SARS-CoV-2 vaccine in patients with hematologic malignancies. *Blood Advances*, **2021**,	7.8	8
56	Beneficial Effects of Glucagon-Like Peptide-1 (GLP-1) in Diabetes-Induced Retinal Abnormalities: Involvement of Oxidative Stress. *Antioxidants*, **2020**, 9,	7.1	8
55	Gene expression profiling in hearts of diabetic mice uncovers a potential role of estrogen-related receptor in diabetic cardiomyopathy. *Molecular and Cellular Endocrinology*, **2016**, 430, 77-88	4.4	8
54	Usefulness of Eye Fixation Assessment for Identifying Type 2 Diabetic Subjects at Risk of Dementia. *Journal of Clinical Medicine*, **2019**, 8,	5.1	8
53	Effect of Glucose Improvement on Spirometric Maneuvers in Patients With Type 2 Diabetes: The Sweet Breath Study. *Diabetes Care*, **2019**, 42, 617-624	14.6	7

52	Characteristics of atheromatosis in the prediabetes stage: a cross-sectional investigation of the ILERVAS project. *Cardiovascular Diabetology*, **2019**, 18, 154	8.7	7
51	Overexpression of hemopexin in the diabetic eye: a new pathogenic candidate for diabetic macular edema. *Diabetes Care*, **2013**, 36, 2815-21	14.6	7
50	A Translational In Vivo and In Vitro Metabolomic Study Reveals Altered Metabolic Pathways in Red Blood Cells of Type 2 Diabetes. *Journal of Clinical Medicine*, **2020**, 9,	5.1	6
49	Type 1 diabetes: Developing the first risk-estimation model for predicting silent myocardial ischemia. The potential role of insulin resistance. *PLoS ONE*, **2017**, 12, e0174640	3.7	6
48	Metabolic fingerprint of insulin resistance in human polymorphonuclear leucocytes. *PLoS ONE*, **2018**, 13, e0199351	3.7	6
47	Genetic Testing to Predict Weight Loss and Diabetes Remission and Long-Term Sustainability after Bariatric Surgery: A Pilot Study. *Journal of Clinical Medicine*, **2019**, 8,	5.1	6
46	Effect of intensive insulin therapy on macular biometrics, plasma VEGF and its soluble receptor in newly diagnosed diabetic patients. *Diabetes/Metabolism Research and Reviews*, **2010**, 26, 386-92	7.5	6
45	Hepatocyte growth factor in the vitreous fluid of patients with proliferative diabetic retinopathy: its relationship with vascular endothelial growth factor and retinopathy activity. *Diabetes Care*, **2004**, 27, 287-8	14.6	6
44	Mechanisms of retinal neuroprotection of calcium dobesilate: therapeutic implications. *Neural Regeneration Research*, **2017**, 12, 1620-1622	4.5	6
43	Effect of Topical Administration of Somatostatin on Retinal Inflammation and Neurodegeneration in an Experimental Model of Diabetes. *Journal of Clinical Medicine*, **2020**, 9,	5.1	6
42	Sleep biosignature of Type 2 diabetes: a case-control study. *Diabetic Medicine*, **2017**, 34, 79-85	3.5	5
41	Lung function measurements in the prediabetes stage: data from the ILERVAS Project. *Acta Diabetologica*, **2019**, 56, 1005-1012	3.9	5
40	Usefulness of homeostasis model assessment for identifying subjects at risk for hypoglycemia failure during the insulin hypoglycemia test. *Journal of Clinical Endocrinology and Metabolism*, **2004**, 89, 3408-12	5.6	5
39	Albumin excretion rate is not affected by asymptomatic urinary tract infection: a prospective study. *Diabetes Care*, **2004**, 27, 1565-9	14.6	5
38	Biological variation of lipoprotein(a) in a diabetic population. Analysis of the causes and clinical implications. *Clinical Chemistry and Laboratory Medicine*, **2003**, 41, 1075-80	5.9	5
37	Common pathways in dementia and diabetic retinopathy: understanding the mechanisms of diabetes-related cognitive decline. *Trends in Endocrinology and Metabolism*, **2021**,	8.8	5
36	Intralymphatic Glutamic Acid Decarboxylase With Vitamin D Supplementation in Recent-Onset Type 1 Diabetes: A Double-Blind, Randomized, Placebo-Controlled Phase IIb Trial. *Diabetes Care*, **2021**, 44, 1604-1612	14.6	5
35	Effects of hypolipidemic treatment on serum markers of vascular inflammation in dyslipidemic men. *Medical Science Monitor*, **2003**, 9, CR114-9	3.2	5

34	Normoalbuminuric type 1 diabetic patients with retinopathy have an impaired tubular response to desmopressin: its relationship with plasma endothelin-1. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 2060-5	5.6	4
33	Neurovascular Unit: A New Target for Treating Early Stages of Diabetic Retinopathy. *Pharmaceutics*, **2021**, 13,	6.4	4
32	Photocoagulation of human retinal pigment epithelium in vitro: unravelling the effects on ARPE-19 by transcriptomics and proteomics. *Acta Ophthalmologica*, **2015**, 93, 348-54	3.7	3
31	The ERM Complex: A New Player Involved in Diabetes-induced Vascular Leakage. *Current Medicinal Chemistry*, **2020**, 27, 3012-3022	4.3	3
30	Usefulness of skin advanced glycation end products to predict coronary artery calcium score in patients with type 2 diabetes. *Acta Diabetologica*, **2021**, 58, 1403-1412	3.9	3
29	Standardization of Optical Coherence Tomography Angiography Imaging Biomarkers in Diabetic Retinal Disease. *Ophthalmic Research*, **2021**, 64, 871-887	2.9	3
28	Skin Autofluorescence Measurement in Subclinical Atheromatous Disease: Results from the ILERVAS Project. *Journal of Atherosclerosis and Thrombosis*, **2019**, 26, 879-889	4	2
27	The Usefulness of Serum Biomarkers in the Early Stages of Diabetic Retinopathy: Results of the EUROCONDOR Clinical Trial. *Journal of Clinical Medicine*, **2020**, 9,	5.1	2
26	Effect of Type 2 Diabetes Mellitus on the Hypoxia-Inducible Factor 1-Alpha Expression. Is There a Relationship with the Clock Genes?. *Journal of Clinical Medicine*, **2020**, 9,	5.1	2
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