Rafael SimÃ³

List of Publications by Year
in descending order

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327	16,779	17440 63	22166 113
papers	citations	h-index	g-index

340	340	340	17017
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Liraglutide vs insulin glargine and placebo in combination with metformin and sulfonylurea therapy in type 2 diabetes mellitus (LEAD-5 met+SU): a randomised controlled trial. Diabetologia, 2009, 52, 2046-2055.	6.3	747
2	The progress in understanding and treatment of diabetic retinopathy. Progress in Retinal and Eye Research, 2016, 51, 156-186.	15.5	730
3	Diabetic retinopathy. Nature Reviews Disease Primers, 2016, 2, 16012.	30.5	661
4	Neurodegeneration in the diabetic eye: new insights and therapeutic perspectives. Trends in Endocrinology and Metabolism, 2014, 25, 23-33.	7.1	381
5	Neurodegeneration in diabetic retinopathy: does it really matter?. Diabetologia, 2018, 61, 1902-1912.	6.3	358
6	The Retinal Pigment Epithelium: Something More than a Constituent of the Blood-Retinal Barrierâ€"Implications for the Pathogenesis of Diabetic Retinopathy. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-15.	3.0	337
7	Angiogenic and Antiangiogenic Factors in Proliferative Diabetic Retinopathy. Current Diabetes Reviews, 2006, 2, 71-98.	1.3	324
8	Effects of Sotagliflozin Added to Insulin in Patients with Type 1 Diabetes. New England Journal of Medicine, 2017, 377, 2337-2348.	27.0	322
9	Screening for diabetic retinopathy: new perspectives and challenges. Lancet Diabetes and Endocrinology,the, 2020, 8, 337-347.	11.4	288
10	High Prevalence of Hepatitis C Virus Infection in Diabetic Patients. Diabetes Care, 1996, 19, 998-1000.	8.6	253
11	Diabetic macular oedema. Lancet Diabetes and Endocrinology,the, 2017, 5, 143-155.	11.4	242
12	Novel insights in SHBG regulation and clinical implications. Trends in Endocrinology and Metabolism, 2015, 26, 376-383.	7.1	210
13	Ocular Anti-VEGF Therapy for Diabetic Retinopathy: The Role of VEGF in the Pathogenesis of Diabetic Retinopathy. Diabetes Care, 2014, 37, 893-899.	8.6	198
14	Association Between Plasma Triglycerides and High-Density Lipoprotein Cholesterol and Microvascular Kidney Disease and Retinopathy in Type 2 Diabetes Mellitus. Circulation, 2014, 129, 999-1008.	1.6	197
15	Novel approaches for treating diabetic retinopathy based on recent pathogenic evidence. Progress in Retinal and Eye Research, 2015, 48, 160-180.	15.5	196
16	Vascular endothelial growth factor and diabetic complications. Progress in Retinal and Eye Research, 2008, 27, 608-621.	15.5	192
17	Intravitreous anti-VEGF for diabetic retinopathy: hopes and fears for a new therapeutic strategy. Diabetologia, 2008, 51, 1574-1580.	6.3	188
18	High Prevalence of Glucose Abnormalities in Patients With Hepatitis C Virus Infection: A multivariate analysis considering the liver injury. Diabetes Care, 2004, 27, 1171-1175.	8.6	183

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19	Semaglutide, reduction in glycated haemoglobin and the risk of diabetic retinopathy. Diabetes, Obesity and Metabolism, 2018, 20, 889-897.	4.4	173
20	Lower Somatostatin Expression Is an Early Event in Diabetic Retinopathy and Is Associated With Retinal Neurodegeneration. Diabetes Care, 2007, 30, 2902-2908.	8.6	170
21	Topical Administration of GLP-1 Receptor Agonists Prevents Retinal Neurodegeneration in Experimental Diabetes. Diabetes, 2016, 65, 172-187.	0.6	168
22	Interleukinâ€8, monocyte chemoattractant proteinâ€1 and ILâ€10 in the vitreous fluid of patients with proliferative diabetic retinopathy. Diabetic Medicine, 2005, 22, 719-722.	2.3	164
23	Phagocytic Activity Is Impaired in Type 2 Diabetes Mellitus and Increases after Metabolic Improvement. PLoS ONE, 2011, 6, e23366.	2.5	160
24	The db/db Mouse: A Useful Model for the Study of Diabetic Retinal Neurodegeneration. PLoS ONE, 2014, 9, e97302.	2.5	156
25	Proteomic analysis of human vitreous fluid by fluorescence-based difference gel electrophoresis (DIGE): a new strategy for identifying potential candidates in the pathogenesis of proliferative diabetic retinopathy. Diabetologia, 2007, 50, 1294-1303.	6.3	152
26	Exenatide twice daily versus glimepiride for prevention of glycaemic deterioration in patients with type 2 diabetes with metformin failure (EUREXA): an open-label, randomised controlled trial. Lancet, The, 2012, 379, 2270-2278.	13.7	138
27	Diabetic Retinopathy in the Context of Patients with Diabetes. Ophthalmic Research, 2019, 62, 211-217.	1.9	130
28	Neurodegeneration is an early event in diabetic retinopathy: therapeutic implications. British Journal of Ophthalmology, 2012, 96, 1285-1290.	3.9	128
29	Cognitive impairment and dementia: a new emerging complication of type 2 diabetesâ€"The diabetologistâ€™s perspective. Acta Diabetologica, 2017, 54, 417-424.	2.5	127
30	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, 2028-2033.	8.6	124
31	Advances in the Medical Treatment of Diabetic Retinopathy. Diabetes Care, 2009, 32, 1556-1562.	8.6	124
32	Interphotoreceptor retinoid-binding protein (IRBP) is downregulated at early stages of diabetic retinopathy. Diabetologia, 2009, 52, 2633-2641.	6.3	123
33	Study of the Potential Association of Adipose Tissue GLP-1 Receptor with Obesity and Insulin Resistance. Endocrinology, 2011, 152, 4072-4079.	2.8	121
34	Sustained Virological Response Correlates With Reduction in the Incidence of Glucose Abnormalities in Patients With Chronic Hepatitis C Virus Infection. Diabetes Care, 2006, 29, 2462-2466.	8.6	118
35	Encephalopathy associated to autoimmune thyroid disease: a more appropriate term for an underestimated condition?. Journal of the Neurological Sciences, 2000, 176, 65-69.	0.6	113
36	Iron Deficiency in Obese Postmenopausal Women. Obesity, 2006, 14, 1724-1730.	3.0	110

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37	Association between diabetic eye disease and other complications of diabetes: Implications for care. A systematic review. Diabetes, Obesity and Metabolism, 2019, 21, 467-478.	4.4	110
38	Topical Administration of Somatostatin Prevents Retinal Neurodegeneration in Experimental Diabetes. Diabetes, 2013, 62, 2569-2578.	0.6	109
39	Vitreous Levels of Vascular Cell Adhesion Molecule and Vascular Endothelial Growth Factor in Patients With Proliferative Diabetic Retinopathy. Diabetes Care, 2001, 24, 516-521.	8.6	108
40	Effects of sardine-enriched diet on metabolic control, inflammation and gut microbiota in drug-naÃ¯ve patients with type 2 diabetes: a pilot randomized trial. Lipids in Health and Disease, 2016, 15, 78.	3.0	103
41	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.	0.6	103
42	Local and Systemic Inflammatory Biomarkers of Diabetic Retinopathy: An Integrative Approach. , 2017, 58, BIO68.		103
43	Potential Role of Tumor Necrosis Factor-Î± in Downregulating Sex Hormoneâ€“Binding Globulin. Diabetes, 2012, 61, 372-382.	0.6	102
44	Vitreous levels of vascular endothelial growth factor are not influenced by its serum concentrations in diabetic retinopathy. Diabetologia, 1997, 40, 1107-1109.	6.3	96
45	Obesity Determines the Immunophenotypic Profile and Functional Characteristics of Human Mesenchymal Stem Cells From Adipose Tissue. Stem Cells Translational Medicine, 2016, 5, 464-475.	3.3	96
46	Understanding multifactorial brain changes in type 2 diabetes: a biomarker perspective. Lancet Neurology, The, 2020, 19, 699-710.	10.2	96
47	Lower Zinc-Î±2-Glycoprotein Production by Adipose Tissue and Liver in Obese Patients Unrelated to Insulin Resistance. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 4499-4507.	3.6	95
48	Study of glucose tolerance in consecutive patients harbouring incidental adrenal tumours. Clinical Endocrinology, 1998, 49, 53-61.	2.4	94
49	Expression of Erythropoietin and Its Receptor in the Human Retina. Diabetes Care, 2008, 31, 1189-1194.	8.6	93
50	Proteomic Analysis of Early Diabetic Retinopathy Reveals Mediators of Neurodegenerative Brain Diseases. , 2018, 59, 2264.		91
51	Fenofibrate â€“ A Potential Systemic Treatment for Diabetic Retinopathy?. American Journal of Ophthalmology, 2012, 154, 6-12.	3.3	89
52	Metabolic Fingerprints of Proliferative Diabetic Retinopathy: An¹H-NMRâ€“Based Metabonomic Approach Using Vitreous Humor. , 2010, 51, 4416.		88
53	Liquid Biopsy of Vitreous Reveals an Abundant Vesicle Population Consistent With the Size and Morphology of Exosomes. Translational Vision Science and Technology, 2018, 7, 6.	2.2	86
54	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, 376-382.	3.3	84

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55	Proinflammatory Cytokines, Insulin Resistance, and Insulin Secretion in Chronic Hepatitis C patients: A case-control study. Diabetes Care, 2006, 29, 1096-1101.	8.6	81
56	Modulation of microglia polarization dynamics during diabetic retinopathy in db / db mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 1663-1674.	3.8	80
57	Iron in obesity. An ancient micronutrient for a modern disease. Obesity Reviews, 2010, 11, 322-328.	6.5	77
58	Usefulness of the Vitreous Fluid Analysis in the Translational Research of Diabetic Retinopathy. Mediators of Inflammation, 2012, 2012, 1-11.	3.0	75
59	Lymphocytic hypophysitis successfully treated with azathioprine: first case report. Journal of Neurology, Neurosurgery and Psychiatry, 2003, 74, 1581-1583.	1.9	71
60	Neuroprotection as a Therapeutic Target for Diabetic Retinopathy. Journal of Diabetes Research, 2016, 2016, 1-18.	2.3	71
61	Arterial Stiffness Is Increased in Patients With Type 1 Diabetes Without Cardiovascular Disease. Diabetes Care, 2012, 35, 1083-1089.	8.6	70
62	Encephalopathy associated with autoimmune thyroid disease in patients with Graves' disease: clinical manifestations, follow-up, and outcomes. BMC Neurology, 2010, 10, 27.	1.8	69
63	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, 2352-2362.	4.1	69
64	Effects of Topically Administered Neuroprotective Drugs in Early Stages of Diabetic Retinopathy: Results of the EUROCONDOR Clinical Trial. Diabetes, 2019, 68, 457-463.	0.6	69
65	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.	2.4	67
66	geoRge: A Computational Tool To Detect the Presence of Stable Isotope Labeling in LC/MS-Based Untargeted Metabolomics. Analytical Chemistry, 2016, 88, 621-628.	6.5	67
67	Topical administration of DPP-IV inhibitors prevents retinal neurodegeneration in experimental diabetes. Diabetologia, 2017, 60, 2285-2298.	6.3	67
68	Adiponectin Upregulates SHBG Production: Molecular Mechanisms and Potential Implications. Endocrinology, 2014, 155, 2820-2830.	2.8	66
69	Circulating Biomarkers of Diabetic Retinopathy: An Overview Based on Physiopathology. Journal of Diabetes Research, 2016, 2016, 1-13.	2.3	66
70	Apolipoprotein A1 Is Overexpressed in the Retina of Diabetic Patients. American Journal of Ophthalmology, 2009, 147, 319-325.e1.	3.3	65
71	A nontargeted proteomic approach to the study of visceral and subcutaneous adipose tissue in human obesity. Molecular and Cellular Endocrinology, 2012, 363, 10-19.	3.2	64
72	Impact of antidiabetic agents on dementia risk: A Bayesian network meta-analysis. Metabolism: Clinical and Experimental, 2020, 109, 154265.	3.4	64

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73	Factors accounting for high ferritin levels in obesity. International Journal of Obesity, 2008, 32, 1665-1669.	3.4	62
74	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, 913-920.	2.6	62
75	Genetics in Diabetic Retinopathy: Current Concepts and New Insights. Current Genomics, 2013, 14, 289-299.	1.6	62
76	IL1Î² Down-regulation of Sex Hormone-Binding Globulin Production by Decreasing HNF-4Î± Via MEK-1/2 and JNK MAPK Pathways. Molecular Endocrinology, 2012, 26, 1917-1927.	3.7	61
77	A compartmentalized microfluidic chip with crisscross microgrooves and electrophysiological electrodes for modeling the bloodâ€“retinal barrier. Lab on A Chip, 2018, 18, 95-105.	6.0	61
78	Diabetes Is the Main Factor Accounting for Hypomagnesemia in Obese Subjects. PLoS ONE, 2012, 7, e30599.	2.5	60
79	Neuroprotection in Diabetic Retinopathy. Current Diabetes Reports, 2012, 12, 329-337.	4.2	59
80	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, 2282-2286.	8.6	58
81	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.		58
82	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.	1.1	57
83	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, 1941-1947.	8.6	56
84	GLP-1R as a Target for the Treatment of Diabetic Retinopathy: Friend or Foe?. Diabetes, 2017, 66, 1453-1460.	0.6	55
85	Pulmonary Function and Sleep Breathing: Two New Targets for Type 2 Diabetes Care. Endocrine Reviews, 2017, 38, 550-573.	20.1	55
86	Glucose Abnormalities in Patients with Hepatitis C Virus Infection: Epidemiology and pathogenesis. Diabetes Care, 2006, 29, 1140-1149.	8.6	55
87	Non-Invasive Methods of Glucose Measurement: Current Status and Future Perspectives. Current Diabetes Reviews, 2012, 8, 48-54.	1.3	54
88	Advanced glycation end products are associated with arterial stiffness in type 1 diabetes. Journal of Endocrinology, 2014, 221, 405-413.	2.6	54
89	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.	2.3	54
90	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, 1-10.	1.3	54

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91	Diabetes Is the Main Factor Accounting for the High Ferritin Levels Detected in Chronic Hepatitis C Virus Infection. Diabetes Care, 2004, 27, 2669-2675.	8.6	53
92	Usefulness of peripapillary nerve fiber layer thickness assessed by optical coherence tomography as a biomarker for Alzheimerâ€™s disease. Scientific Reports, 2018, 8, 16345.	3.3	52
93	Hepatocyte growth factor in vitreous and serum from patients with proliferative diabetic retinopathy. British Journal of Ophthalmology, 2000, 84, 732-735.	3.9	51
94	Molecular Mechanism of TNFÎ±-Induced Down-Regulation of SHBG Expression. Molecular Endocrinology, 2012, 26, 438-446.	3.7	50
95	Glutamate interactions with obesity, insulin resistance, cognition and gut microbiota composition. Acta Diabetologica, 2019, 56, 569-579.	2.5	49
96	Islet cell and thyroid antibody prevalence in patients with hepatitis C virus infection: Effect of treatment with interferon. Translational Research, 2001, 137, 38-42.	2.3	48
97	Pre-Clinical Cushing’s Syndrome: Report of Three Cases and Literature Review. Hormone Research, 1994, 41, 230-235.	1.8	47
98	Serum markers of vascular inflammation in dyslipemia. Clinica Chimica Acta, 2006, 369, 1-16.	1.1	47
99	Erythropoietin produced by the retina: its role in physiology and diabetic retinopathy. Endocrine, 2012, 41, 220-226.	2.3	47
100	Fenofibric acid prevents retinal pigment epithelium disruption induced by interleukin-1Î² by suppressing AMP-activated protein kinase (AMPK) activation. Diabetologia, 2011, 54, 1543-1553.	6.3	46
101	Gene expression of paired abdominal adipose AQP7 and liver AQP9 in patients with morbid obesity. Metabolism: Clinical and Experimental, 2009, 58, 1762-1768.	3.4	45
102	Effect of fenofibrate on retinal neurodegeneration in an experimental model of type 2 diabetes. Acta Diabetologica, 2015, 52, 113-122.	2.5	45
103	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, 509-514.	1.9	44
104	DNA Methylomes Reveal Biological Networks Involved in Human Eye Development, Functions and Associated Disorders. Scientific Reports, 2017, 7, 11762.	3.3	44
105	Strategies for blocking angiogenesis in diabetic retinopathy: from basic science to clinical practice. Expert Opinion on Investigational Drugs, 2007, 16, 1209-1226.	4.1	43
106	Eating disorders are frequent among type 2 diabetic patients and are associated with worse metabolic and psychological outcomes: results from a cross-sectional study in primary and secondary care settings. Acta Diabetologica, 2015, 52, 1037-1044.	2.5	43
107	Relationship between Central Obesity and the incidence of Cognitive Impairment and Dementia from Cohort Studies Involving 5,060,687 Participants. Neuroscience and Biobehavioral Reviews, 2021, 130, 301-313.	6.1	43
108	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, 1596-1602.	3.6	41

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109	The Association Between Diabetes Mellitus and Risk of Sarcopenia: Accumulated Evidences From Observational Studies. Frontiers in Endocrinology, 2021, 12, 782391.	3.5	41
110	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, 655-660.	2.3	40
111	Soluble transferrin receptors and ferritin in Type 2 diabetic patients. Diabetic Medicine, 2005, 22, 97-101.	2.3	40
112	Glucose Abnormalities Are an Independent Risk Factor for Nonresponse to Antiviral Treatment in Chronic Hepatitis C. American Journal of Gastroenterology, 2007, 102, 2189-2195.	0.4	40
113	Fenofibrate for diabetic retinopathy. Lancet, The, 2007, 370, 1667-1668.	13.7	40
114	Asymptomatic Sleep-disordered Breathing in Premenopausal Women Awaiting Bariatric Surgery. Obesity Surgery, 2010, 20, 454-461.	2.1	40
115	Deficit of Somatostatin in the Vitreous Fluid of Patients With Diabetic Macular Edema. Diabetes Care, 2007, 30, 725-727.	8.6	39
116	Mice lacking PGC-1Î² in adipose tissues reveal a dissociation between mitochondrial dysfunction and insulin resistance. Molecular Metabolism, 2013, 2, 215-226.	6.5	39
117	Long-term changes in cardiovascular risk markers during administration of exenatide twice daily or glimepiride: results from the European exenatide study. Cardiovascular Diabetology, 2015, 14, 116.	6.8	39
118	Proapoptotic and survival signaling in the neuroretina at early stages of diabetic retinopathy. Molecular Vision, 2013, 19, 47-53.	1.1	39
119	Reversible white matter alterations in encephalopathy associated with autoimmune thyroid disease. Journal of Neurology, 2002, 249, 1063-1065.	3.6	38
120	APOH is increased in the plasma and liver of type 2 diabetic patients with metabolic syndrome. Atherosclerosis, 2010, 209, 201-205.	0.8	38
121	Sex Hormone-Binding Globulin Reduction in Metabolic Disorders May Play a Role in NAFLD Development. Endocrinology, 2017, 158, 545-559.	2.8	38
122	Iron Overload in Diabetic Retinopathy: A Cause or a Consequence of Impaired Mechanisms?. Experimental Diabetes Research, 2010, 2010, 1-8.	3.8	37
123	Somatostatin and diabetic retinopathy: current concepts and new therapeutic perspectives. Endocrine, 2014, 46, 209-214.	2.3	37
124	CD4-CD8 and CD28 Expression in T Cells Infiltrating the Vitreous Fluidin Patients With Proliferative Diabetic Retinopathy. JAMA Ophthalmology, 2004, 122, 743.	2.4	36
125	Mitochondrial DNA oxidation and manganese superoxide dismutase activity in peripheral blood mononuclear cells from type 2 diabetic patients. Diabetes and Metabolism, 2008, 34, 117-124.	2.9	35
126	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.	6.8	35

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127	Fenofibrate: A New Treatment for Diabetic Retinopathy. Molecular Mechanisms and Future Perspectives. Current Medicinal Chemistry, 2013, 20, 3258-3266.	2.4	35
128	Retinal Microperimetry: A New Tool for Identifying Patients With Type 2 Diabetes at Risk for Developing Alzheimer Disease. Diabetes, 2017, 66, 3098-3104.	0.6	35
129	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, 339.	2.4	34
130	Common pathways in dementia and diabetic retinopathy: understanding the mechanisms of diabetes-related cognitive decline. Trends in Endocrinology and Metabolism, 2022, 33, 50-71.	7.1	34
131	Diabetic retinopathy: new therapeutic perspectives based on pathogenic mechanisms. Journal of Endocrinological Investigation, 2017, 40, 925-935.	3.3	33
132	Visual impairment in aging and cognitive decline: experience in a Memory Clinic. Scientific Reports, 2019, 9, 8698.	3.3	32
133	Influence of surgical stress and parenteral nutrition on serum leptin concentration. Clinical Nutrition, 2000, 19, 61-64.	5.0	31
134	Type 2 diabetes impairs pulmonary function in morbidly obese women: a caseâ€“control study. Diabetologia, 2010, 53, 1210-1216.	6.3	31
135	Testosterone induces cell proliferation and cell cycle gene overexpression in human visceral preadipocytes. American Journal of Physiology - Cell Physiology, 2013, 305, C355-C359.	4.6	31
136	Vision related quality of life in patients with type 2 diabetes in the EUROCONDOR trial. Endocrine, 2017, 57, 83-88.	2.3	30
137	Osteoprotegerin Is a New Regulator of Inflammation and Angiogenesis in Proliferative Diabetic Retinopathy. , 2017, 58, 3189.		30
138	Neurovascular Unit: A New Target for Treating Early Stages of Diabetic Retinopathy. Pharmaceutics, 2021, 13, 1320.	4.5	30
139	Efficacy and Safety of Once-Daily Insulin Degludec/Insulin Aspart versus Insulin Glargine (U100) for 52 Weeks in Insulin-NaÃ¯ve Patients with Type 2 Diabetes: A Randomized Controlled Trial. PLoS ONE, 2016, 11, e0163350.	2.5	30
140	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.	2.5	29
141	Calcium Dobesilate Prevents Neurodegeneration and Vascular Leakage in Experimental Diabetes. Current Eye Research, 2017, 42, 1273-1286.	1.5	29
142	Diabetes Is an Independent Risk Factor for Severe Nocturnal Hypoxemia in Obese Patients. A Case-Control Study. PLoS ONE, 2009, 4, e4692.	2.5	29
143	Global Assessment of the Impact of Type 2 Diabetes on Sleep through Specific Questionnaires. A Case-Control Study. PLoS ONE, 2016, 11, e0157579.	2.5	29
144	Fenofibrate prevents the disruption of the outer blood retinal barrier through downregulation of NF-ÎºB activity. Acta Diabetologica, 2016, 53, 109-118.	2.5	28

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145	Metformin: a new option in cancer treatment. Clinical and Translational Oncology, 2011, 13, 363-367.	2.4	27
146	Update on Cardiovascular Safety of PPARgamma Agonists and Relevance to Medicinal Chemistry and Clinical Pharmacology. Current Topics in Medicinal Chemistry, 2012, 12, 585-604.	2.1	27
147	Correlation between Retinal Vessel Calibre and Neurodegeneration in Patients with Type 2 Diabetes Mellitus in the European Consortium for the Early Treatment of Diabetic Retinopathy (EUROCONDOR). Ophthalmic Research, 2016, 56, 10-16.	1.9	27
148	Lipoprotein(a) as a Risk Factor for Cardiovascular Mortality in Type 2 Diabetic Patients: A 10-year follow-up study. Diabetes Care, 2005, 28, 931-933.	8.6	26
149	Clinical significance of RET/PTC and p53 protein expression in sporadic papillary thyroid carcinoma. Histopathology, 2007, 50, 225-231.	2.9	26
150	Glucose abnormalities in nonâ€alcoholic fatty liver disease and chronic hepatitis C virus infection: the role of iron overload. Diabetes/Metabolism Research and Reviews, 2009, 25, 403-410.	4.0	26
151	Insulin resistance is related to impaired lung function in morbidly obese women: a caseâ€“control study. Diabetes/Metabolism Research and Reviews, 2010, 26, 639-645.	4.0	26
152	Consenso de expertos sobre propuestas para la mejora del manejo de la dislipemia aterogÃ©nica. Revista Espanola De Cardiologia, 2014, 67, 36-44.	1.2	26
153	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.	2.6	26
154	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.	2.3	26
155	Sex Hormoneâ€“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.	3.6	26
156	Intravitreous hepatocyte growth factor in patients with proliferative diabetic retinopathy: A case-control study. Diabetes Research and Clinical Practice, 2006, 71, 36-44.	2.8	25
157	Different Effects of Thiazolidinediones on Cardiovascular Risk in Patients with Type 2 Diabetes Mellitus: Pioglitazone vs Rosiglitazone. Current Drug Safety, 2010, 5, 234-244.	0.6	25
158	Effect of atorvastatin on lipoprotein (a) and interleukin-10: A randomized placebo-controlled trial. Diabetes and Metabolism, 2011, 37, 124-130.	2.9	25
159	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, 104-110.	2.4	25
160	Obesity induced by high fat diet attenuates postinfarct myocardial remodeling and dysfunction in adult B6D2F1 mice. Journal of Molecular and Cellular Cardiology, 2015, 84, 154-161.	1.9	25
161	SOCS1-Derived Peptide Administered by Eye Drops Prevents Retinal Neuroinflammation and Vascular Leakage in Experimental Diabetes. International Journal of Molecular Sciences, 2019, 20, 3615.	4.1	25
162	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, 1841.	2.4	25

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163	Vitreous levels of erythropoietin in patients with macular oedema secondary to retinal vein occlusions: a comparative study with diabetic macular oedema. Eye, 2009, 23, 1066-1071.	2.1	24
164	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.	0.8	24
165	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.	2.8	24
166	Non-Traditional Systemic Treatments for Diabetic Retinopathy: An Evidence-Based Review. Current Medicinal Chemistry, 2015, 22, 2580-2589.	2.4	23
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168	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.	3.6	23
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