

Rafael Sim

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.

306
papers

11,805
citations

55
h-index

96
g-index

340
ext. papers

14,349
ext. citations

6.2
avg. IF

6.61
L-index

#	Paper	IF	Citations
306	Deep Learning of Retinal Imaging: A Useful Tool for Coronary Artery Calcium Score Prediction in Diabetic Patients. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 1401	2.6	1
305	Diabetic Retinopathy: Role of Neurodegeneration and Therapeutic Perspectives.. <i>Asia-Pacific Journal of Ophthalmology</i> , 2022 , 11, 160-167	3.5	2
304	Usefulness of Muscle Ultrasound to Study Sarcopenic Obesity: A Pilot Case-Control Study. <i>Journal of Clinical Medicine</i> , 2022 , 11, 2886	5.1	0
303	Advanced Glycations End Products in the Skin as Biomarkers of Cardiovascular Risk in Type 2 Diabetes. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 6234	6.3	0
302	Liraglutide Improves Forced Vital Capacity in Individuals With Type 2 Diabetes: Data From the Randomized Cross-Over LIRALUNG Study. <i>Diabetes</i> , 2021 ,	0.9	1
301	The Impact of Bariatric Surgery on the Muscle Mass in Patients with Obesity: 2-Year Follow-up. <i>Obesity Surgery</i> , 2021 , 1	3.7	2
300	Common pathways in dementia and diabetic retinopathy: understanding the mechanisms of diabetes-related cognitive decline. <i>Trends in Endocrinology and Metabolism</i> , 2021 ,	8.8	5
299	Decreased endostatin in db/db retinas is associated with optic disc intravitreal vascularization. <i>Experimental Eye Research</i> , 2021 , 212, 108801	3.7	0
298	Bidirectional relationship between diabetes and pulmonary function: a systematic review and meta-analysis. <i>Diabetes and Metabolism</i> , 2021 , 47, 101186	5.4	2
297	Spectrum of thyroid dysfunction and dementia: a dose-response meta-analysis of 344,248 individuals from cohort studies. <i>Endocrine Connections</i> , 2021 , 10, 410-421	3.5	3
296	Usefulness of skin advanced glycation end products to predict coronary artery calcium score in patients with type 2 diabetes. <i>Acta Diabetologica</i> , 2021 , 58, 1403-1412	3.9	3
295	HOMA-IR in acromegaly: a systematic review and meta-analysis. <i>Pituitary</i> , 2021 , 24, 146-158	4.3	4
294	Acromegaly: Diabetes and HOMA-IR. <i>Endocrinología Diabetes Y Nutrición (English Ed)</i> , 2021 , 68, 1-2	0.1	
293	GH/IGF-1 Abnormalities and Muscle Impairment: From Basic Research to Clinical Practice. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
292	Impact of Intensive Glucose Control on Brain Health: Meta-Analysis of Cumulative Data from 16,584 Patients with Type 2 Diabetes Mellitus. <i>Diabetes Therapy</i> , 2021 , 12, 765-779	3.6	3
291	Effects of the Topical Administration of Semaglutide on Retinal Neuroinflammation and Vascular Leakage in Experimental Diabetes. <i>Biomedicines</i> , 2021 , 9,	4.8	2
290	Neurovascular Unit: A New Target for Treating Early Stages of Diabetic Retinopathy. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4

289	Evaluation of Resting Energy Expenditure in Subjects with Severe Obesity and Its Evolution After Bariatric Surgery. <i>Obesity Surgery</i> , 2021 , 31, 4347-4355	3.7	4
288	Shrinkage by the third month predicts long-term response of macroprolactinoma after cabergoline. <i>European Journal of Endocrinology</i> , 2021 , 185, 587-595	6.5	3
287	Relationship between obesity and structural brain abnormality: Accumulated evidence from observational studies. <i>Ageing Research Reviews</i> , 2021 , 71, 101445	12	2
286	Relationship between Central Obesity and the incidence of Cognitive Impairment and Dementia from Cohort Studies Involving 5,060,687 Participants. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 130, 301-313	9	1
285	Acromegaly: Diabetes and HOMA-IR. <i>Endocrinologia, Diabetes Y Nutrición</i> , 2021 , 68, 1-2	1.3	0
284	Diabetic Retinopathy and Skin Tissue Advanced Glycation End Products Are Biomarkers of Cardiovascular Events in Type 2 Diabetic Patients.. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	1
283	The Association Between Diabetes Mellitus and Risk of Sarcopenia: Accumulated Evidences From Observational Studies.. <i>Frontiers in Endocrinology</i> , 2021 , 12, 782391	5.7	5
282	Non-linear association between diabetes mellitus and pulmonary function: a population-based study. <i>Respiratory Research</i> , 2020 , 21, 292	7.3	1
281	A Translational In Vivo and In Vitro Metabolomic Study Reveals Altered Metabolic Pathways in Red Blood Cells of Type 2 Diabetes. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	6
280	Diabetic retinopathy: looking beyond the eyes. <i>Diabetologia</i> , 2020 , 63, 1662-1664	10.3	4
279	Evaluation of macular thickness and volume tested by optical coherence tomography as biomarkers for Alzheimer's disease in a memory clinic. <i>Scientific Reports</i> , 2020 , 10, 1580	4.9	10
278	Screening for diabetic retinopathy: new perspectives and challenges. <i>Lancet Diabetes and Endocrinology</i> , 2020 , 8, 337-347	18.1	82
277	The Usefulness of Serum Biomarkers in the Early Stages of Diabetic Retinopathy: Results of the EUROCONDOR Clinical Trial. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
276	Alteration of the Mitochondrial Effects of Ceria Nanoparticles by Gold: An Approach for the Mitochondrial Modulation of Cells Based on Nanomedicine. <i>Nanomaterials</i> , 2020 , 10,	5.4	1
275	The ERM Complex: A New Player Involved in Diabetes-induced Vascular Leakage. <i>Current Medicinal Chemistry</i> , 2020 , 27, 3012-3022	4.3	3
274	Impact of antidiabetic agents on dementia risk: A Bayesian network meta-analysis. <i>Metabolism: Clinical and Experimental</i> , 2020 , 109, 154265	12.7	21
273	Understanding multifactorial brain changes in type 2 diabetes: a biomarker perspective. <i>Lancet Neurology</i> , 2020 , 19, 699-710	24.1	35
272	Combining metabolic profiling of plasma and faeces as a fingerprint of insulin resistance in obesity. <i>Clinical Nutrition</i> , 2020 , 39, 2292-2300	5.9	4

271	Neuropathic damage in the diabetic eye: clinical implications. <i>Current Opinion in Pharmacology</i> , 2020 , 55, 1-7	5.1	2
270	Is it time to change the management of permanent postsurgical hypoparathyroidism?. <i>Endocrinología Diabetes Y Nutrición (English Ed)</i> , 2020 , 67, 1-3	0.1	
269	Caffeine Upregulates Hepatic Sex Hormone-Binding Globulin Production by Increasing Adiponectin Through AKT/FOXO1 Pathway in White Adipose Tissue. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e1901253	5.9	1
268	Sex hormone-binding globulin overexpression protects against high-fat diet-induced obesity in transgenic male mice. <i>Journal of Nutritional Biochemistry</i> , 2020 , 85, 108480	6.3	7
267	Utility of Insulin Resistance in Estimating Cardiovascular Risk in Subjects with Type 1 Diabetes According to the Scores of the Steno Type 1 Risk Engine. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	5
266	Effect of Topical Administration of Somatostatin on Retinal Inflammation and Neurodegeneration in an Experimental Model of Diabetes. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	6
265	Effect of Type 2 Diabetes Mellitus on the Hypoxia-Inducible Factor 1-Alpha Expression. Is There a Relationship with the Clock Genes?. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
264	Clinical Applicability of the Specific Risk Score of Dementia in Type 2 Diabetes in the Identification of Patients with Early Cognitive Impairment: Results of the MOPEAD Study in Spain. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
263	Beneficial Effects of Glucagon-Like Peptide-1 (GLP-1) in Diabetes-Induced Retinal Abnormalities: Involvement of Oxidative Stress. <i>Antioxidants</i> , 2020 , 9,	7.1	8
262	Effect of Glucose Improvement on Nocturnal Sleep Breathing Parameters in Patients with Type 2 Diabetes: The Candy Dreams Study. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	1
261	Arterial stiffness is highly correlated with the scores obtained from the Steno Type 1 Risk Engine in subjects with T1DM. <i>PLoS ONE</i> , 2019 , 14, e0220206	3.7	13
260	Assessment of Inner Retinal Layers and Choroidal Thickness in Type 1 Diabetes Mellitus: A Cross-Sectional Study. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	10
259	μOpioid Receptor Agonism Preserves the Retinal Pigmented Epithelial Cell Tight Junctions and Ameliorates the Retinopathy in Experimental Diabetes 2019 , 60, 3842-3853		3
258	Metabolic Fingerprint of Acromegaly and its Potential Usefulness in Clinical Practice. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	7
257	Adipocyte MTERF4 regulates non-shivering adaptive thermogenesis and sympathetic-dependent glucose homeostasis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019 , 1865, 1298-1312	6.9	5
256	Effect of Glucose Improvement on Spirometric Maneuvers in Patients With Type 2 Diabetes: The Sweet Breath Study. <i>Diabetes Care</i> , 2019 , 42, 617-624	14.6	7
255	Visual impairment in aging and cognitive decline: experience in a Memory Clinic. <i>Scientific Reports</i> , 2019 , 9, 8698	4.9	17
254	Diabetic Retinopathy in the Context of Patients with Diabetes. <i>Ophthalmic Research</i> , 2019 , 62, 211-217	2.9	49

253	Cytoskeletal transgelin 2 contributes to gender-dependent adipose tissue expandability and immune function. <i>FASEB Journal</i> , 2019 , 33, 9656-9671	0.9	1
252	Topical Treatment With Brimonidine and Somatostatin Causes Retinal Vascular Dilation in Patients With Early Diabetic Retinopathy From the EUROCONDOR 2019 , 60, 2257-2262		10
251	The MOPEAD project: Advancing patient engagement for the detection of "hidden" undiagnosed cases of Alzheimer β disease in the community. <i>Alzheimeris and Dementia</i> , 2019 , 15, 828-839	1.2	10
250	Skin Autofluorescence Measurement in Subclinical Atheromatous Disease: Results from the ILERVAS Project. <i>Journal of Atherosclerosis and Thrombosis</i> , 2019 , 26, 879-889	4	2
249	Lung function measurements in the prediabetes stage: data from the ILERVAS Project. <i>Acta Diabetologica</i> , 2019 , 56, 1005-1012	3.9	5
248	Glutamate interactions with obesity, insulin resistance, cognition and gut microbiota composition. <i>Acta Diabetologica</i> , 2019 , 56, 569-579	3.9	20
247	Sex Hormone-Binding Globulin Expression Correlates With Acetyl-Coenzyme A Carboxylase and Triglyceride Content in Human Liver. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 1500-1507	5.6	15
246	New Insights into the Mechanisms of Action of Topical Administration of GLP-1 in an Experimental Model of Diabetic Retinopathy. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	21
245	Differences in the cluster of depressive symptoms between subjects with type 2 diabetes and individuals with a major depressive disorder and without diabetes. <i>Journal of Endocrinological Investigation</i> , 2019 , 42, 881-888	5.2	6
244	Genetic Testing to Predict Weight Loss and Diabetes Remission and Long-Term Sustainability after Bariatric Surgery: A Pilot Study. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	6
243	SOCS1-Derived Peptide Administered by Eye Drops Prevents Retinal Neuroinflammation and Vascular Leakage in Experimental Diabetes. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	16
242	Usefulness of Liquid Biopsy Biomarkers from Aqueous Humor in Predicting Anti-VEGF Response in Diabetic Macular Edema: Results of a Pilot Study. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	13
241	Characteristics of atheromatosis in the prediabetes stage: a cross-sectional investigation of the ILERVAS project. <i>Cardiovascular Diabetology</i> , 2019 , 18, 154	8.7	7
240	Sympathetic Hyperactivity and Sleep Disorders in Individuals With Type 2 Diabetes. <i>Frontiers in Endocrinology</i> , 2019 , 10, 752	5.7	1
239	Diabetic retinopathy as an independent predictor of subclinical cardiovascular disease: baseline results of the PRECISED study. <i>BMJ Open Diabetes Research and Care</i> , 2019 , 7, e000845	4.5	9
238	Retinal Microperimetry: A Useful Tool for Detecting Insulin Resistance-Related Cognitive Impairment in Morbid Obesity. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	2
237	Diabetische Retinopathie bei Patienten mit Diabetes mellitus. <i>Karger Kompass Ophthalmologie</i> , 2019 , 157-162	0	
236	Comment on: "Glucagon-like peptide-1 receptor expression in the human eye". <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 446-447	6.7	0

235	Effects of Topically Administered Neuroprotective Drugs in Early Stages of Diabetic Retinopathy: Results of the EUROCONDOR Clinical Trial. <i>Diabetes</i> , 2019 , 68, 457-463	0.9	48
234	Usefulness of Eye Fixation Assessment for Identifying Type 2 Diabetic Subjects at Risk of Dementia. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	8
233	Calorie restriction prevents diet-induced insulin resistance independently of PGC-1-driven mitochondrial biogenesis in white adipose tissue. <i>FASEB Journal</i> , 2019 , 33, 2343-2358	0.9	13
232	Association between diabetic eye disease and other complications of diabetes: Implications for care. A systematic review. <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 467-478	6.7	60
231	Subcutaneous advanced glycation end-products and lung function according to glucose abnormalities: The ILERVAS Project. <i>Diabetes and Metabolism</i> , 2019 , 45, 595-598	5.4	8
230	Response to oral sucrosomial iron supplementation in patients undergoing bariatric surgery. The BARI-FER study. <i>Endocrinologia, Diabetes Y Nutrición</i> , 2018 , 65, 17-20	1.3	12
229	Silymarin prevents diabetes-induced hyperpermeability in human retinal endothelial cells. <i>Endocrinologia, Diabetes Y Nutrición</i> , 2018 , 65, 200-205	1.3	8
228	Neurodegeneration in diabetic retinopathy: does it really matter?. <i>Diabetologia</i> , 2018 , 61, 1902-1912	10.3	201
227	Metabolic fingerprint of insulin resistance in human polymorphonuclear leucocytes. <i>PLoS ONE</i> , 2018 , 13, e0199351	3.7	6
226	Effects of Liposomal Formulation of Citicoline in Experimental Diabetes-Induced Retinal Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	15
225	Proteomic Analysis of Early Diabetic Retinopathy Reveals Mediators of Neurodegenerative Brain Diseases 2018 , 59, 2264-2274		49
224	Liquid Biopsy of Vitreous Reveals an Abundant Vesicle Population Consistent With the Size and Morphology of Exosomes. <i>Translational Vision Science and Technology</i> , 2018 , 7, 6	3.3	36
223	Semaglutide, reduction in glycated haemoglobin and the risk of diabetic retinopathy. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 889-897	6.7	114
222	Decreased TLR3 in Hyperplastic Adipose Tissue, Blood and Inflamed Adipocytes is Related to Metabolic Inflammation. <i>Cellular Physiology and Biochemistry</i> , 2018 , 51, 1051-1068	3.9	10
221	Topical Administration of Bosentan Prevents Retinal Neurodegeneration in Experimental Diabetes. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	14
220	Usefulness of peripapillary nerve fiber layer thickness assessed by optical coherence tomography as a biomarker for Alzheimer's disease. <i>Scientific Reports</i> , 2018 , 8, 16345	4.9	34
219	Assessment of advanced glycation end-products as a biomarker of diabetic outcomes. <i>Endocrinologia, Diabetes Y Nutrición</i> , 2018 , 65, 540-545	1.3	9
218	Silymarin prevents diabetes-induced hyperpermeability in human retinal endothelial cells. <i>Endocrinología Diabetes Y Nutrición (English Ed)</i> , 2018 , 65, 200-205	0.1	

217	Sleep biosignature of Type 2 diabetes: a case-control study. <i>Diabetic Medicine</i> , 2017 , 34, 79-85	3.5	5
216	Cognitive impairment and dementia: a new emerging complication of type 2 diabetes-The diabetologist's perspective. <i>Acta Diabetologica</i> , 2017 , 54, 417-424	3.9	86
215	Development of a Normative Database for Multifocal Electroretinography in the Context of a Multicenter Clinical Trial. <i>Ophthalmic Research</i> , 2017 , 57, 107-117	2.9	10
214	Type 2 diabetes is an independent risk factor for dementia conversion in patients with mild cognitive impairment. <i>Journal of Diabetes and Its Complications</i> , 2017 , 31, 1272-1274	3.2	42
213	Type 2 diabetes, risk of sleep apnea-hypopnea syndrome, and quality of life associated to sleep breathing disorders. <i>Endocrinología Diabetes Y Nutrición (English Ed)</i> , 2017 , 64, 174-176	0.1	
212	GLP-1R as a Target for the Treatment of Diabetic Retinopathy: Friend or Foe?. <i>Diabetes</i> , 2017 , 66, 1453-1460	4.6	36
211	Type 2 diabetes, risk of sleep apnea-hypopnea syndrome, and quality of life associated to sleep breathing disorders. <i>Endocrinología, Diabetes Y Nutrición</i> , 2017 , 64, 174-176	1.3	
210	Sex Hormone-Binding Globulin Reduction in Metabolic Disorders May Play a Role in NAFLD Development. <i>Endocrinology</i> , 2017 , 158, 545-559	4.8	25
209	Diabetic retinopathy: new therapeutic perspectives based on pathogenic mechanisms. <i>Journal of Endocrinological Investigation</i> , 2017 , 40, 925-935	5.2	27
208	Resveratrol Increases Hepatic SHBG Expression through Human Constitutive Androstane Receptor: a new Contribution to the French Paradox. <i>Scientific Reports</i> , 2017 , 7, 12284	4.9	13
207	Retinal Microperimetry: A New Tool for Identifying Patients With Type 2 Diabetes at Risk for Developing Alzheimer Disease. <i>Diabetes</i> , 2017 , 66, 3098-3104	0.9	15
206	Pulmonary Function and Sleep Breathing: Two New Targets for Type 2 Diabetes Care. <i>Endocrine Reviews</i> , 2017 , 38, 550-573	27.2	30
205	Diabetic Retinopathy Phenotypes of Progression to Macular Edema: Pooled Analysis From Independent Longitudinal Studies of up to 2 Years PDuration 2017 , 58, BIO206-BIO210		5
204	Type 1 diabetes: Developing the first risk-estimation model for predicting silent myocardial ischemia. The potential role of insulin resistance. <i>PLoS ONE</i> , 2017 , 12, e0174640	3.7	6
203	Osteoprotegerin Is a New Regulator of Inflammation and Angiogenesis in Proliferative Diabetic Retinopathy 2017 , 58, 3189-3201		24
202	DNA Methylomes Reveal Biological Networks Involved in Human Eye Development, Functions and Associated Disorders. <i>Scientific Reports</i> , 2017 , 7, 11762	4.9	22
201	Effects of Sotagliflozin Added to Insulin in Patients with Type 1 Diabetes. <i>New England Journal of Medicine</i> , 2017 , 377, 2337-2348	59.2	224
200	Calcium dobesilate prevents the oxidative stress and inflammation induced by diabetes in the retina of db/db mice. <i>Journal of Diabetes and Its Complications</i> , 2017 , 31, 1481-1490	3.2	16

199	Topical administration of DPP-IV inhibitors prevents retinal neurodegeneration in experimental diabetes. <i>Diabetologia</i> , 2017 , 60, 2285-2298	10.3	39
198	Calcium Dobesilate Prevents Neurodegeneration and Vascular Leakage in Experimental Diabetes. <i>Current Eye Research</i> , 2017 , 42, 1273-1286	2.9	13
197	Functional and Structural Findings of Neurodegeneration in Early Stages of Diabetic Retinopathy: Cross-sectional Analyses of Baseline Data of the EUROCONDOR Project. <i>Diabetes</i> , 2017 , 66, 2503-2510	0.9	63
196	Serum 1,25-Dihydroxyvitamin D as a Biomarker of the Absence of Hypercalciuria in Postsurgical Hypoparathyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 259-266	5.6	2
195	Diabetic macular oedema. <i>Lancet Diabetes and Endocrinology</i> , 2017 , 5, 143-155	18.1	127
194	Vision related quality of life in patients with type 2 diabetes in the EUROCONDOR trial. <i>Endocrine</i> , 2017 , 57, 83-88	4	18
193	Serum Surfactant Protein D as a Biomarker for Measuring Lung Involvement in Obese Patients With Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 4109-4116	5.6	16
192	Local and Systemic Inflammatory Biomarkers of Diabetic Retinopathy: An Integrative Approach 2017 , 58, BIO68-BIO75		73
191	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). <i>Journal of Ophthalmology</i> , 2017 , 2017, 8234186	2	31
190	Effects of depressive symptoms on clinical outcomes, inflammatory markers and quality of life after a significant weight loss in a bariatric surgery sample. <i>Nutricion Hospitalaria</i> , 2017 , 34, 81-87	1	10
189	Mechanisms of retinal neuroprotection of calcium dobesilate: therapeutic implications. <i>Neural Regeneration Research</i> , 2017 , 12, 1620-1622	4.5	6
188	A compartmentalized microfluidic chip with crisscross microgrooves and electrophysiological electrodes for modeling the blood-retinal barrier. <i>Lab on A Chip</i> , 2017 , 18, 95-105	7.2	38
187	The progress in understanding and treatment of diabetic retinopathy. <i>Progress in Retinal and Eye Research</i> , 2016 , 51, 156-86	20.5	449
186	Fenofibrate prevents the disruption of the outer blood retinal barrier through downregulation of NF-B activity. <i>Acta Diabetologica</i> , 2016 , 53, 109-18	3.9	22
185	Topical Administration of GLP-1 Receptor Agonists Prevents Retinal Neurodegeneration in Experimental Diabetes. <i>Diabetes</i> , 2016 , 65, 172-87	0.9	119
184	EndoG Knockout Mice Show Increased Brown Adipocyte Recruitment in White Adipose Tissue and Improved Glucose Homeostasis. <i>Endocrinology</i> , 2016 , 157, 3873-3887	4.8	7
183	Effects of the neuroprotective drugs somatostatin and brimonidine on retinal cell models of diabetic retinopathy. <i>Acta Diabetologica</i> , 2016 , 53, 957-964	3.9	14
182	Prevalence and Clinical Correlators of Undiagnosed Significant Depressive Symptoms Among Individuals with Type 2 Diabetes In A Mediterranean Population. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2016 , 124, 630-636	2.3	8

181	Nuevos tratamientos para la diabetes mellitus tipo 2 y enfermedad cardiovascular. La revoluci3n ya ha empezado. <i>Revista Espanola De Cardiologia</i> , 2016 , 69, 1005-1007	1.5	1
180	Diabetic retinopathy. <i>Nature Reviews Disease Primers</i> , 2016 , 2, 16012	51.1	367
179	Modulation of microglia polarization dynamics during diabetic retinopathy in db/db mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016 , 1862, 1663-74	6.9	57
178	geoRge: A Computational Tool To Detect the Presence of Stable Isotope Labeling in LC/MS-Based Untargeted Metabolomics. <i>Analytical Chemistry</i> , 2016 , 88, 621-8	7.8	43
177	Global Assessment of the Impact of Type 2 Diabetes on Sleep through Specific Questionnaires. A Case-Control Study. <i>PLoS ONE</i> , 2016 , 11, e0157579	3.7	17
176	Efficacy and Safety of Once-Daily Insulin Degludec/Insulin Aspart versus Insulin Glargine (U100) for 52 Weeks in Insulin-Na3ve Patients with Type 2 Diabetes: A Randomized Controlled Trial. <i>PLoS ONE</i> , 2016 , 11, e0163350	3.7	21
175	Somatostatin protects photoreceptor cells against high glucose-induced apoptosis. <i>Molecular Vision</i> , 2016 , 22, 1522-1531	2.3	17
174	Neuroprotection as a Therapeutic Target for Diabetic Retinopathy. <i>Journal of Diabetes Research</i> , 2016 , 2016, 9508541	3.9	50
173	Circulating Biomarkers of Diabetic Retinopathy: An Overview Based on Physiopathology. <i>Journal of Diabetes Research</i> , 2016 , 2016, 5263798	3.9	51
172	Gene expression profiling in hearts of diabetic mice uncovers a potential role of estrogen-related receptor 1 in diabetic cardiomyopathy. <i>Molecular and Cellular Endocrinology</i> , 2016 , 430, 77-88	4.4	8
171	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). <i>Ophthalmic Research</i> , 2016 , 56, 10-6	2.9	19
170	Effects of sardine-enriched diet on metabolic control, inflammation and gut microbiota in drug-na3ve patients with type 2 diabetes: a pilot randomized trial. <i>Lipids in Health and Disease</i> , 2016 , 15, 78	4.4	71
169	Obesity Determines the Immunophenotypic Profile and Functional Characteristics of Human Mesenchymal Stem Cells From Adipose Tissue. <i>Stem Cells Translational Medicine</i> , 2016 , 5, 464-75	6.9	61
168	Obesity induced by high fat diet attenuates postinfarct myocardial remodeling and dysfunction in adult B6D2F1 mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 84, 154-61	5.8	20
167	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. <i>Acta Diabetologica</i> , 2015 , 52, 1037-44	3.9	26
166	Treatment escalation options for patients with type 2 diabetes after failure of exenatide twice daily or glimepiride added to metformin: results from the prospective European Exenatide (EUREXA) study. <i>Diabetes, Obesity and Metabolism</i> , 2015 , 17, 689-98	6.7	3
165	Is fenofibrate a reasonable treatment for diabetic microvascular disease?. <i>Current Diabetes Reports</i> , 2015 , 15, 24	5.6	12
164	Effect of fenofibrate on retinal neurodegeneration in an experimental model of type 2 diabetes. <i>Acta Diabetologica</i> , 2015 , 52, 113-22	3.9	34

163	Novel approaches for treating diabetic retinopathy based on recent pathogenic evidence. <i>Progress in Retinal and Eye Research</i> , 2015 , 48, 160-80	20.5	148
162	Photocoagulation of human retinal pigment epithelium in vitro: unravelling the effects on ARPE-19 by transcriptomics and proteomics. <i>Acta Ophthalmologica</i> , 2015 , 93, 348-54	3.7	3
161	Beneficial effects of fenofibric acid on overexpression of extracellular matrix components, COX-2, and impairment of endothelial permeability associated with diabetic retinopathy. <i>Experimental Eye Research</i> , 2015 , 140, 124-129	3.7	19
160	SHBG-C57BL/ksJ-db/db: A New Mouse Model to Study SHBG Expression and Regulation During Obesity Development. <i>Endocrinology</i> , 2015 , 156, 4571-81	4.8	16
159	Long-term changes in cardiovascular risk markers during administration of exenatide twice daily or glimepiride: results from the European exenatide study. <i>Cardiovascular Diabetology</i> , 2015 , 14, 116	8.7	36
158	Non-traditional systemic treatments for diabetic retinopathy: an evidence-based review. <i>Current Medicinal Chemistry</i> , 2015 , 22, 2580-9	4.3	21
157	Characterization of sleep breathing pattern in patients with type 2 diabetes: sweet sleep study. <i>PLoS ONE</i> , 2015 , 10, e0119073	3.7	12
156	Novel insights in SHBG regulation and clinical implications. <i>Trends in Endocrinology and Metabolism</i> , 2015 , 26, 376-83	8.8	136
155	Effect of glycemic control on nocturnal arterial oxygen saturation: a case-control study in type 2 diabetic patients. <i>Journal of Diabetes</i> , 2015 , 7, 133-8	3.8	14
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