

Eduard Montanya

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.

67

papers

3,905

citations

24

h-index

62

g-index

72

ext. papers

4,367

ext. citations

5.3

avg, IF

5

L-index

#	Paper	IF	Citations
67	Fatty liver index as a predictor for type 2 diabetes in subjects with normoglycemia in a nationwide cohort study. <i>Scientific Reports</i> , 2021 , 11, 16453	4.9	0
66	Digital intervention increases influenza vaccination rates for people with diabetes in a decentralized randomized trial. <i>Npj Digital Medicine</i> , 2021 , 4, 138	15.7	2
65	Determining Beta Cell Mass, Apoptosis, Proliferation, and Individual Beta Cell Size in Pancreatic Sections. <i>Methods in Molecular Biology</i> , 2020 , 2128, 313-337	1.4	2
64	Use of Streptozotocin in Rodent Models of Islet Transplantation. <i>Methods in Molecular Biology</i> , 2020 , 2128, 135-147	1.4	1
63	Incidence and regression of metabolic syndrome in a representative sample of the Spanish population: results of the cohort di@bet.es study. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	1
62	Incidence of diabetes mellitus in Spain as results of the nation-wide cohort di@bet.es study. <i>Scientific Reports</i> , 2020 , 10, 2765	4.9	24
61	Validation of self-reported measures of periodontitis in a Spanish Population. <i>Journal of Periodontal Research</i> , 2020 , 55, 400-409	4.3	16
60	Oral Semaglutide Versus Empagliflozin in Patients With Type 2 Diabetes Uncontrolled on Metformin: The PIONEER 2 Trial. <i>Diabetes Care</i> , 2019 , 42, 2272-2281	14.6	128
59	Fasting plasma glucose is an independent predictor of survival in patients with locally advanced non-small cell lung cancer treated with concurrent chemoradiotherapy. <i>BMC Cancer</i> , 2019 , 19, 165	4.8	12
58	Pancreatic ductal cells may have a negative effect on human islet transplantation. <i>PLoS ONE</i> , 2019 , 14, e0220064	3.7	1
57	Cortistatin regulates glucose-induced electrical activity and insulin secretion in mouse pancreatic beta-cells. <i>Molecular and Cellular Endocrinology</i> , 2019 , 479, 123-132	4.4	4
56	Relevance of insulin immunoassay characteristics in factitious hypoglycemia. <i>Endocrinologia, Diabetes Y Nutrición</i> , 2018 , 65, 306-307	1.3	1
55	In Vivo Evaluation of the Synergic Effect of Metformin and mTOR Inhibitors on the Endothelial Healing of Drug-eluting Stents in Diabetic Patients. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2018 , 71, 917-925	0.7	3
54	Metformin extended-release versus immediate-release: An international, randomized, double-blind, head-to-head trial in pharmacotherapy-naïve patients with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 463-467	6.7	20
53	Scientific evidence on the links between periodontal diseases and diabetes: Consensus report and guidelines of the joint workshop on periodontal diseases and diabetes by the International Diabetes Federation and the European Federation of Periodontology. <i>Journal of Clinical Periodontology</i> , 2018 , 45, 138-148	7.7	209
52	Epithelial to mesenchymal transition in human endocrine islet cells. <i>PLoS ONE</i> , 2018 , 13, e0191104	3.7	6
51	Scientific evidence on the links between periodontal diseases and diabetes: Consensus report and guidelines of the joint workshop on periodontal diseases and diabetes by the International Diabetes Federation and the European Federation of Periodontology 2018 , 45, 138		3

50	Scientific evidence on the links between periodontal diseases and diabetes: Consensus report and guidelines of the joint workshop on periodontal diseases and diabetes by the International diabetes Federation and the European Federation of Periodontology. <i>Diabetes Research and Clinical Practice</i> , 2018 , 137, 231-241	7.4	98
49	Evaluaci3n del efecto sin3rgico de la metformina y los inhibidores mTOR sobre la endotelizaci3n de los stents farmacoactivos en pacientes diab3ticos. <i>Revista Espanola De Cardiologia</i> , 2018 , 71, 917-925	1.5	2
48	A Model for Human Islet Transplantation to Immunodeficient Streptozotocin-Induced Diabetic Mice. <i>Cell Transplantation</i> , 2018 , 27, 1684-1691	4	7
47	Limited Joint Mobility Progression in Type 1 Diabetes: A 15-Year Follow-Up Study. <i>International Journal of Endocrinology</i> , 2018 , 2018, 1897058	2.7	3
46	Metachronous bilateral adrenal hemorrhage in primary antiphospholipid syndrome. <i>Medicina Clinica</i> , 2017 , 149, 318	1	
45	Purification of replicating pancreatic β cells for gene expression studies. <i>Scientific Reports</i> , 2017 , 7, 175154.9	4.9	3
44	Metachronous bilateral adrenal hemorrhage in primary antiphospholipid syndrome. <i>Medicina Clinica (English Edition)</i> , 2017 , 149, 318	0.3	
43	Histological changes in endocrine and exocrine pancreatic tissue from patients exposed to incretin-based therapies. <i>Diabetes, Obesity and Metabolism</i> , 2016 , 18, 1253-1262	6.7	8
42	Human Serum Versus Human Serum Albumin Supplementation in Human Islet Pretransplantation Culture: In Vitro and In Vivo Assessment. <i>Cell Transplantation</i> , 2016 , 25, 343-52	4	14
41	Future and emerging therapies 2016 , 77-92		
40	A Randomized Comparison of Reservoir-Based Polymer-Free Amphilimus-Eluting Stents Versus Everolimus-Eluting Stents With Durable Polymer in Patients With Diabetes Mellitus: The RESERVOIR Clinical Trial. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, 42-50	5	55
39	Report from IPITA-TTS Opinion Leaders Meeting on the Future of β Cell Replacement. <i>Transplantation</i> , 2016 , 100 Suppl 2, S1-44	1.8	51
38	A Role for the Host in the Roadmap to Diabetes Stem Cell Therapy. <i>Diabetes</i> , 2016 , 65, 1155-7	0.9	8
37	β Cell dedifferentiation, reduced duct cell plasticity, and impaired β cell mass regeneration in middle-aged rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 311, E554-63	6	12
36	Improvement in glycated haemoglobin evaluated by baseline body mass index: a meta-analysis of the liraglutide phase III clinical trial programme. <i>Diabetes, Obesity and Metabolism</i> , 2016 , 18, 707-10	6.7	4
35	Rationale and study design of the RESERVOIR trial: a randomized trial comparing reservoir-based polymer-free amphilimus-eluting stents versus everolimus-eluting stents with durable polymer in patients with diabetes mellitus. <i>Catheterization and Cardiovascular Interventions</i> , 2015 , 85, E116-22	2.7	8
34	Inhibition of connexin 36 hemichannels by glucose contributes to the stimulation of insulin secretion. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 306, E1354-66	6	12
33	Insulin resistance compensation: not just a matter of β Cells?. <i>Diabetes</i> , 2014 , 63, 832-4	0.9	16

32	Gastrin induces ductal cell dedifferentiation and β cell neogenesis after 90% pancreatectomy. <i>Journal of Endocrinology</i> , 2014 , 223, 67-78	4.7	25
31	A1C Improvement with Liraglutide Evaluated by Baseline BMI. <i>Canadian Journal of Diabetes</i> , 2013 , 37, S35-S36	2.1	2
30	Liraglutide achieves A1C targets more often than sitagliptin or exenatide when added to metformin in patients with type 2 diabetes and a baseline A1C. <i>Endocrine Practice</i> , 2013 , 19, 64-72	3.2	14
29	Comparison of liraglutide versus other incretin-related anti-hyperglycaemic agents. <i>Diabetes, Obesity and Metabolism</i> , 2012 , 14 Suppl 2, 20-32	6.7	18
28	A comparison of currently available GLP-1 receptor agonists for the treatment of type 2 diabetes. <i>Expert Opinion on Pharmacotherapy</i> , 2012 , 13, 1451-67	4	21
27	Efficacy and safety of switching from the DPP-4 inhibitor sitagliptin to the human GLP-1 analog liraglutide after 52 weeks in metformin-treated patients with type 2 diabetes: a randomized, open-label trial. <i>Diabetes Care</i> , 2012 , 35, 1986-93	14.6	50
26	Increased β cell replication and β cell mass regeneration in syngeneically transplanted rat islets overexpressing insulin-like growth factor II. <i>Cell Transplantation</i> , 2012 , 21, 2119-29	4	12
25	Fibronectin enhances soluble N-ethylmaleimide-sensitive factor attachment protein receptor protein expression in cultured human islets. <i>Pancreas</i> , 2011 , 40, 1153-5	2.6	2
24	One year of liraglutide treatment offers sustained and more effective glycaemic control and weight reduction compared with sitagliptin, both in combination with metformin, in patients with type 2 diabetes: a randomised, parallel-group, open-label trial. <i>International Journal of Clinical Practice</i> , 2011 , 65, 397-407	2.9	197
23	Glucose-dependent changes in SNARE protein levels in pancreatic β cells. <i>Endocrinology</i> , 2011 , 152, 1290-2.8	2.8	8
22	Gastrin treatment stimulates β cell regeneration and improves glucose tolerance in 95% pancreatectomized rats. <i>Endocrinology</i> , 2011 , 152, 2580-8	4.8	36
21	Switching to once-daily liraglutide from twice-daily exenatide further improves glycemic control in patients with type 2 diabetes using oral agents. <i>Diabetes Care</i> , 2010 , 33, 1300-3	14.6	153
20	Liraglutide versus sitagliptin for patients with type 2 diabetes who did not have adequate glycaemic control with metformin: a 26-week, randomised, parallel-group, open-label trial. <i>Lancet, The</i> , 2010 , 375, 1447-56	40	485
19	High sensitivity of beta-cell replication to the inhibitory effects of interleukin-1beta: modulation by adenoviral overexpression of IGF2 in rat islets. <i>Journal of Endocrinology</i> , 2009 , 203, 55-63	4.7	14
18	A review of efficacy and safety data regarding the use of liraglutide, a once-daily human glucagon-like peptide 1 analogue, in the treatment of type 2 diabetes mellitus. <i>Clinical Therapeutics</i> , 2009 , 31, 2472-88	3.5	81
17	Optimization of human pancreatic islet isolation with a newly designed cooling system for COBE 2991. <i>Transplantation Proceedings</i> , 2009 , 41, 2202-3	1.1	2
16	Liraglutide once a day versus exenatide twice a day for type 2 diabetes: a 26-week randomised, parallel-group, multinational, open-label trial (LEAD-6). <i>Lancet, The</i> , 2009 , 374, 39-47	40	1178
15	Pancreatic remodeling: beta-cell apoptosis, proliferation and neogenesis, and the measurement of beta-cell mass and of individual beta-cell size. <i>Methods in Molecular Biology</i> , 2009 , 560, 137-58	1.4	34

14	Islet graft response to transplantation injury includes upregulation of protective as well as apoptotic genes. <i>Cell Transplantation</i> , 2008 , 17, 1025-34	4	13
13	Adenoviral overproduction of interleukin-1 receptor antagonist increases beta cell replication and mass in syngeneically transplanted islets, and improves metabolic outcome. <i>Diabetologia</i> , 2007 , 50, 602-11	19.3	31
12	Interleukin-1beta and inducible form of nitric oxide synthase expression in early syngeneic islet transplantation. <i>Journal of Endocrinology</i> , 2007 , 192, 169-77	4.7	56
11	Role of blood glucose in cytokine gene expression in early syngeneic islet transplantation. <i>Cell Transplantation</i> , 2007 , 16, 517-25	4	16
10	Short-term culture with the caspase inhibitor z-VAD.fmk reduces beta cell apoptosis in transplanted islets and improves the metabolic outcome of the graft. <i>Cell Transplantation</i> , 2005 , 14, 59-65	4	28
9	Selection of a suitable internal control gene for expression studies in pancreatic islet grafts. <i>Transplantation</i> , 2005 , 80, 650-2	1.8	23
8	Adenoviral overexpression of interleukin-1 receptor antagonist protein increases beta-cell replication in rat pancreatic islets. <i>Gene Therapy</i> , 2005 , 12, 120-8	4	45
7	Islet- and stem-cell-based tissue engineering in diabetes. <i>Current Opinion in Biotechnology</i> , 2004 , 15, 435-40	4.1	16
6	Beta-cell death and mass in syngeneically transplanted islets exposed to short- and long-term hyperglycemia. <i>Diabetes</i> , 2002 , 51, 66-72	0.9	346
5	Optimal insulin treatment in syngeneic islet transplantation. <i>Cell Transplantation</i> , 2000 , 9, 11-8	4	28
4	Linear correlation between beta-cell mass and body weight throughout the lifespan in Lewis rats: role of beta-cell hyperplasia and hypertrophy. <i>Diabetes</i> , 2000 , 49, 1341-6	0.9	173
3	Engineering pancreatic islets. <i>Pflugers Archiv European Journal of Physiology</i> , 2000 , 440, 1	4.6	3
2	Normoglycemia restores beta-cell replicative response to glucose in transplanted islets exposed to chronic hyperglycemia. <i>Diabetes</i> , 1998 , 47, 192-6	0.9	25
1	Improved outcome of islet transplantation in insulin-treated diabetic mice: effects on beta-cell mass and function. <i>Diabetologia</i> , 1997 , 40, 1004-10	10.3	34