

# Faramarz Ismail-Beigi

## List of Publications by Citations

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44  
papers

2,087  
citations

17  
h-index

45  
g-index

48  
ext. papers

2,558  
ext. citations

6.8  
avg. IF

4.76  
L-index

#	Paper	IF	Citations
44	Effect of intensive treatment of hyperglycaemia on microvascular outcomes in type 2 diabetes: an analysis of the ACCORD randomised trial. <i>Lancet, The</i> , <b>2010</b> , 376, 419-30	4.0	914
43	The effects of medical management on the progression of diabetic retinopathy in persons with type 2 diabetes: the Action to Control Cardiovascular Risk in Diabetes (ACCORD) Eye Study. <i>Ophthalmology</i> , <b>2014</b> , 121, 2443-51	7.3	164
42	Diabetes in Iran: Prospective Analysis from First Nationwide Diabetes Report of National Program for Prevention and Control of Diabetes (NPPCD-2016). <i>Scientific Reports</i> , <b>2017</b> , 7, 13461	4.9	125
41	Clinical practice. Glycemic management of type 2 diabetes mellitus. <i>New England Journal of Medicine</i> , <b>2012</b> , 366, 1319-27	59.2	117
40	Protective hinge in insulin opens to enable its receptor engagement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, E3395-404	11.5	106
39	Overexpression of stomatin depresses GLUT-1 glucose transporter activity. <i>American Journal of Physiology - Cell Physiology</i> , <b>2001</b> , 280, C1277-83	5.4	86
38	Mutations of peripheral myelin protein 22 result in defective trafficking through mechanisms which may be common to diseases involving tetraspan membrane proteins. <i>Biochemistry</i> , <b>2001</b> , 40, 9453-9	3.2	64
37	A View Beyond HbA1c: Role of Continuous Glucose Monitoring. <i>Diabetes Therapy</i> , <b>2019</b> , 10, 853-863	3.6	60
36	Association of Urinary Biomarkers of Inflammation, Injury, and Fibrosis with Renal Function Decline: The ACCORD Trial. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2016</b> , 11, 1343-52	6.9	59
35	Metabolic programming: fetal origins of obesity and metabolic syndrome in the adult. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2006</b> , 291, E439-40	6	47
34	Combined intensive blood pressure and glycemic control does not produce an additive benefit on microvascular outcomes in type 2 diabetic patients. <i>Kidney International</i> , <b>2012</b> , 81, 586-94	9.9	45
33	Insulin Dose and Cardiovascular Mortality in the ACCORD Trial. <i>Diabetes Care</i> , <b>2015</b> , 38, 2000-8	14.6	26
32	Effect of Empagliflozin on Liver Steatosis and Fibrosis in Patients With Non-Alcoholic Fatty Liver Disease Without Diabetes: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Advances in Therapy</i> , <b>2020</b> , 37, 4697-4708	4.1	26
31	Glucocorticoid-Induced Fatty Liver Disease. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , <b>2020</b> , 13, 1133-1145	3.4	25
30	Aromatic anchor at an invariant hormone-receptor interface: function of insulin residue B24 with application to protein design. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 34709-27	5.4	20
29	Evolution of insulin at the edge of foldability and its medical implications. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 29618-29628	11.5	18
28	Empagliflozin Improves Liver Steatosis and Fibrosis in Patients with Non-Alcoholic Fatty Liver Disease and Type 2 Diabetes: A Randomized, Double-Blind, Placebo-Controlled Clinical Trial. <i>Diabetes Therapy</i> , <b>2021</b> , 12, 843-861	3.6	18

27	Biophysical optimization of a therapeutic protein by nonstandard mutagenesis: studies of an iodo-insulin derivative. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 23367-81	5.4	17
26	An ultra-stable single-chain insulin analog resists thermal inactivation and exhibits biological signaling duration equivalent to the native protein. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 47-68	5.4	17
25	SGLT-2 inhibitors as promising therapeutics for non-alcoholic fatty liver disease: pathophysiology, clinical outcomes, and future directions. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , <b>2019</b> , 12, 1001-1012	3.4	15
24	Na,K-ATPase mRNA beta 1 expression in rat myocardium--effect of thyroid status. <i>FEBS Journal</i> , <b>1999</b> , 260, 1-8		13
23	Pathogenesis and glycemic management of type 2 diabetes mellitus: a physiological approach. <i>Archives of Iranian Medicine</i> , <b>2012</b> , 15, 239-46	2.4	13
22	Disturbances in Insulin-Glucose Metabolism in Patients With Advanced Renal Disease With and Without Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 4949-4966	5.6	10
21	Solution structure of an ultra-stable single-chain insulin analog connects protein dynamics to a novel mechanism of receptor binding. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 69-88	5.4	8
20	Prolonged Exposure to Insulin Inactivates Akt and Erk and Increases Pancreatic Islet and INS1E -Cell Apoptosis. <i>Journal of the Endocrine Society</i> , <b>2019</b> , 3, 69-90	0.4	8
19	Predictive and explanatory factors of cardiovascular disease in people with adequately controlled type 2 diabetes. <i>European Journal of Preventive Cardiology</i> , <b>2017</b> , 24, 1181-1189	3.9	7
18	"Register-shift" insulin analogs uncover constraints of proteotoxicity in protein evolution. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 3080-3098	5.4	6
17	Connecting Rodent and Human Pharmacokinetic Models for the Design and Translation of Glucose-Responsive Insulin. <i>Diabetes</i> , <b>2020</b> , 69, 1815-1826	0.9	6
16	Action to Control Cardiovascular Risk in Diabetes (ACCORD) trial--clinical implications. <i>Clinical Chemistry</i> , <b>2011</b> , 57, 261-3	5.5	6
15	Glycemia management and cardiovascular risk in type 2 diabetes: an evolving perspective. <i>Endocrine Practice</i> , <b>2008</b> , 14, 639-43	3.2	6
14	Determinants of glycemic control: Phase 2 analysis from nationwide diabetes report of National Program for Prevention and Control of Diabetes (NPPCD-2018). <i>Primary Care Diabetes</i> , <b>2020</b> , 14, 222-237	7.4	6
13	Impaired fasting glucose and major adverse cardiovascular events by hypertension and dyslipidemia status: the Golestan cohort study. <i>BMC Cardiovascular Disorders</i> , <b>2020</b> , 20, 113	2.3	5
12	Challenging Issues in the Management of Cardiovascular Risk Factors in Diabetes During the COVID-19 Pandemic: A Review of Current Literature. <i>Advances in Therapy</i> , <b>2020</b> , 37, 3450-3462	4.1	5
11	Smoking and Diabetes Control in Adults With Type 1 and Type 2 Diabetes: A Nationwide Study From the 2018 National Program for Prevention and Control of Diabetes of Iran. <i>Canadian Journal of Diabetes</i> , <b>2020</b> , 44, 246-252	2.1	5
10	Reassessment of an Innovative Insulin Analogue Excludes Protracted Action yet Highlights the Distinction between External and Internal Diselenide Bridges. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 4695-4700	4.8	4

9	Association of Baseline Characteristics With Insulin Sensitivity and $\beta$ Cell Function in the Glycemia Reduction Approaches in Diabetes: A Comparative Effectiveness (GRADE) Study Cohort. <i>Diabetes Care</i> , <b>2021</b> , 44, 340-349	14.6	3
8	Rationale and Design for a GRADE Substudy of Continuous Glucose Monitoring. <i>Diabetes Technology and Therapeutics</i> , <b>2019</b> , 21, 682-690	8.1	2
7	Association of glycemia with insulin sensitivity and $\beta$ cell function in adults with early type 2 diabetes on metformin alone. <i>Journal of Diabetes and Its Complications</i> , <b>2021</b> , 35, 107912	3.2	2
6	Peptide Model of the Mutant Proinsulin Syndrome. I. Design and Clinical Correlation.. <i>Frontiers in Endocrinology</i> , <b>2022</b> , 13, 821069	5.7	2
5	Study rationale and design of a study of EMPAgliflozin's effects in patients with type 2 diabetes mellitus and Coronary ARtery disease: the EMPA-CARD randomized controlled trial. <i>BMC Cardiovascular Disorders</i> , <b>2021</b> , 21, 318	2.3	1
4	Human radiation dosimetry of 6-[18F]FDG predicted from preclinical studies. <i>Medical Physics</i> , <b>2014</b> , 41, 031910	4.4	0
3	Risk of insulin accumulation (stacking) with use of novel ultralong-acting insulin formulations. <i>Endocrine Practice</i> , <b>2014</b> , 20, 990-1	3.2	
2	Insulin induces a desensitization of insulin and IGF-1 signaling in INS1-E beta-cells: Mechanisms and consequences on function and survival. <i>FASEB Journal</i> , <b>2006</b> , 20, A1170	0.9	
1	Impact of quality mentorship on achievements of Shiraz Medical School in the 1970s and the role of Professors Khosrow Nasr and Asghar Rastegar. <i>Archives of Iranian Medicine</i> , <b>2013</b> , 16, 251-3	2.4	