

# Kepa B Uribe

## List of Publications by Citations

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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.

34  
papers

592  
citations

12  
h-index

24  
g-index

44  
ext. papers

1,025  
ext. citations

5.7  
avg, IF

4.09  
L-index

#	Paper	IF	Citations
34	Pathophysiology of Type 2 Diabetes Mellitus. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	222
33	Site-specific -glycosylation of members of the low-density lipoprotein receptor superfamily enhances ligand interactions. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 7408-7422	5.4	38
32	Familial Hypercholesterolemia: The Most Frequent Cholesterol Metabolism Disorder Caused Disease. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	36
31	Functional Analysis of LDLR (Low-Density Lipoprotein Receptor) Variants in Patient Lymphocytes to Assess the Effect of Evinacumab in Homozygous Familial Hypercholesterolemia Patients With a Spectrum of LDLR Activity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2019</b> , 39, 2248-2260	9.4	33
30	Functional characterization of splicing and ligand-binding domain variants in the LDL receptor. <i>Human Mutation</i> , <b>2012</b> , 33, 232-43	4.7	33
29	Identification and in vitro characterization of two new PCSK9 Gain of Function variants found in patients with Familial Hypercholesterolemia. <i>Scientific Reports</i> , <b>2017</b> , 7, 15282	4.9	24
28	Validation of LDLr Activity as a Tool to Improve Genetic Diagnosis of Familial Hypercholesterolemia: A Retrospective on Functional Characterization of LDLr Variants. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	22
27	Phospholipase A activity of adenylate cyclase toxin mediates translocation of its adenylate cyclase domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E6784-E6793	11.5	118
26	Membrane Permeabilization by Pore-Forming RTX Toxins: What Kind of Lesions Do These Toxins Form?. <i>Toxins</i> , <b>2019</b> , 11,	4.9	16
25	Statin Treatment-Induced Development of Type 2 Diabetes: From Clinical Evidence to Mechanistic Insights. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	16
24	Calpain-Mediated Processing of Adenylate Cyclase Toxin Generates a Cytosolic Soluble Catalytically Active N-Terminal Domain. <i>PLoS ONE</i> , <b>2013</b> , 8, e67648	3.7	15
23	Mutation type classification and pathogenicity assignment of sixteen missense variants located in the EGF-precursor homology domain of the LDLR. <i>Scientific Reports</i> , <b>2020</b> , 10, 1727	4.9	12
22	The Arg499His gain-of-function mutation in the C-terminal domain of PCSK9. <i>Atherosclerosis</i> , <b>2019</b> , 289, 162-172	3.1	12
21	Adenylate cyclase toxin promotes internalisation of integrins and raft components and decreases macrophage adhesion capacity. <i>PLoS ONE</i> , <b>2011</b> , 6, e17383	3.7	12
20	Adenylate Cyclase Toxin promotes bacterial internalisation into non phagocytic cells. <i>Scientific Reports</i> , <b>2015</b> , 5, 13774	4.9	8
19	Understanding the Mechanism of Translocation of Adenylate Cyclase Toxin across Biological Membranes. <i>Toxins</i> , <b>2017</b> , 9,	4.9	7
18	miR-27b Modulates Insulin Signaling in Hepatocytes by Regulating Insulin Receptor Expression. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	7

17	Pre-targeting with ultra-small nanoparticles: boron carbon dots as drug candidates for boron neutron capture therapy. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 410-420	7.3	7
16	Membrane Permeabilization by Adenylate Cyclase Toxin Involves Pores of Tunable Size. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	6
15	Molecular mechanisms of lipotoxicity-induced pancreatic $\beta$ cell dysfunction. <i>International Review of Cell and Molecular Biology</i> , <b>2021</b> , 359, 357-402	6	6
14	Ca <sup>2+</sup> influx and tyrosine kinases trigger Bordetella adenylate cyclase toxin (ACT) endocytosis. Cell physiology and expression of the CD11b/CD18 integrin major determinants of the entry route. <i>PLoS ONE</i> , <b>2013</b> , 8, e74248	3.7	5
13	Cholesterol Efflux Efficiency of Reconstituted HDL Is Affected by Nanoparticle Lipid Composition. <i>Biomedicines</i> , <b>2020</b> , 8,	4.8	5
12	Analysis of LDLR variants from homozygous FH patients carrying multiple mutations in the LDLR gene. <i>Atherosclerosis</i> , <b>2017</b> , 263, 163-170	3.1	4
11	Evaluation of Multifunctional Gold Nanorods for Boron Neutron Capture and Photothermal Therapies. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 49589-49601	9.5	4
10	A Systematic Approach to Assess the Activity and Classification of PCSK9 Variants.. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
9	The leucine stretch length of PCSK9 signal peptide and its role in development of autosomal dominant hypercholesterolaemia: Unravelling the activities of P.LEU23DEL and P.LEU22_LEU23DUP variants. <i>Atherosclerosis</i> , <b>2017</b> , 263, e37	3.1	3
8	Novel PCSK9 (Proprotein Convertase Subtilisin Kexin Type 9) Variants in Patients With Familial Hypercholesterolemia From Cape Town. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2021</b> , 41, 934-943	9.4	3
7	p.(Asp47Asn) and p.(Thr62Met): non deleterious LDL receptor missense variants functionally characterized in vitro. <i>Scientific Reports</i> , <b>2018</b> , 8, 16614	4.9	3
6	(r)HDL in theranostics: how do we apply HDL biology for precision medicine in atherosclerosis management?. <i>Biomaterials Science</i> , <b>2021</b> , 9, 3185-3208	7.4	1
5	Boosting Cholesterol Efflux from Foam Cells by Sequential Administration of rHDL to Deliver MicroRNA and to Remove Cholesterol in a Triple-Cell 2D Atherosclerosis Model.. <i>Small</i> , <b>2022</b> , e2105915	11	1
4	MLb-LDLr: A Machine Learning Model for Predicting the Pathogenicity of Missense Variants. <i>JACC Basic To Translational Science</i> , <b>2021</b> , 6, 815-827	8.7	0
3	Cholesterol stimulates the lytic activity of Adenylate Cyclase Toxin on lipid membranes by promoting toxin oligomerization and formation of pores with a greater effective size. <i>FEBS Journal</i> , <b>2021</b> , 288, 6795-6814	5.7	0
2	Replacement of cysteine at position 46 in the first cysteine-rich repeat of the LDL receptor impairs apolipoprotein recognition. <i>PLoS ONE</i> , <b>2018</b> , 13, e0204771	3.7	
1	Familial hypercholesterolemia <b>2022</b> , 501-524		