

# Ana Catarina Alves

## List of Publications by Citations

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35  
papers

768  
citations

16  
h-index

27  
g-index

37  
ext. papers

916  
ext. citations

5.6  
avg, IF

4.22  
L-index

#	Paper	IF	Citations
35	Single-Vesicle Assays Using Liposomes and Cell-Derived Vesicles: From Modeling Complex Membrane Processes to Synthetic Biology and Biomedical Applications. <i>Chemical Reviews</i> , <b>2018</b> , 118, 8598-8654	68.1	74
34	Familial hypercholesterolaemia in Portugal. <i>Atherosclerosis</i> , <b>2008</b> , 196, 633-42	3.1	71
33	Novel functional APOB mutations outside LDL-binding region causing familial hypercholesterolaemia. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 1817-28	5.6	58
32	How good is controlled attenuation parameter and fatty liver index for assessing liver steatosis in general population: correlation with ultrasound. <i>Liver International</i> , <b>2014</b> , 34, e1111-7	7.9	52
31	Analysis of publicly available LDLR, APOB, and PCSK9 variants associated with familial hypercholesterolemia: application of ACMG guidelines and implications for familial hypercholesterolemia diagnosis. <i>Genetics in Medicine</i> , <b>2018</b> , 20, 591-598	8.1	51
30	Mutational analysis and genotype-phenotype relation in familial hypercholesterolemia: The SAFEHEART registry. <i>Atherosclerosis</i> , <b>2017</b> , 262, 8-13	3.1	42
29	Update of the Portuguese Familial Hypercholesterolaemia Study. <i>Atherosclerosis</i> , <b>2010</b> , 212, 553-8	3.1	42
28	Genetic diagnosis of familial hypercholesterolaemia: the importance of functional analysis of potential splice-site mutations. <i>Journal of Medical Genetics</i> , <b>2009</b> , 46, 352-7	5.8	35
27	Lysosomal acid lipase deficiency: A hidden disease among cohorts of familial hypercholesterolemia?. <i>Journal of Clinical Lipidology</i> , <b>2017</b> , 11, 477-484.e2	4.9	33
26	Advantages and versatility of fluorescence-based methodology to characterize the functionality of LDLR and class mutation assignment. <i>PLoS ONE</i> , <b>2014</b> , 9, e112677	3.7	29
25	Structural analysis of APOB variants, p.(Arg3527Gln), p.(Arg1164Thr) and p.(Gln4494del), causing Familial Hypercholesterolaemia provides novel insights into variant pathogenicity. <i>Scientific Reports</i> , <b>2015</b> , 5, 18184	4.9	28
24	The importance of an integrated analysis of clinical, molecular, and functional data for the genetic diagnosis of familial hypercholesterolemia. <i>Genetics in Medicine</i> , <b>2015</b> , 17, 980-8	8.1	27
23	Mutational analysis of a cohort with clinical diagnosis of familial hypercholesterolemia: considerations for genetic diagnosis improvement. <i>Genetics in Medicine</i> , <b>2016</b> , 18, 316-24	8.1	27
22	Characterization of the first PCSK9 gain of function homozygote. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 66, 2152-2154	15.1	27
21	Low-density lipoprotein receptor mutational analysis in diagnosis of familial hypercholesterolemia. <i>Current Opinion in Lipidology</i> , <b>2017</b> , 28, 120-129	4.4	26
20	In vitro functional characterization of missense mutations in the LDLR gene. <i>Atherosclerosis</i> , <b>2012</b> , 225, 128-34	3.1	18
19	Cardiovascular risk assessment of dyslipidemic children: analysis of biomarkers to identify monogenic dyslipidemia. <i>Journal of Lipid Research</i> , <b>2014</b> , 55, 947-55	6.3	16

18	The familial hypercholesterolaemia phenotype: Monogenic familial hypercholesterolaemia, polygenic hypercholesterolaemia and other causes. <i>Clinical Genetics</i> , <b>2020</b> , 97, 457-466	4	15
17	Clinical and molecular aspects of familial hypercholesterolemia in Ibero-American countries. <i>Journal of Clinical Lipidology</i> , <b>2017</b> , 11, 160-166	4.9	14
16	Hepatitis B and C prevalence in Portugal: disparity between the general population and high-risk groups. <i>European Journal of Gastroenterology and Hepatology</i> , <b>2016</b> , 28, 640-4	2.2	14
15	Further evidence of novel APOB mutations as a cause of familial hypercholesterolaemia. <i>Atherosclerosis</i> , <b>2018</b> , 277, 448-456	3.1	12
14	Molecular diagnosis of familial hypercholesterolemia: an important tool for cardiovascular risk stratification. <i>Revista Portuguesa De Cardiologia</i> , <b>2010</b> , 29, 907-21	1	12
13	Metabolic Dysfunction and Asthma: Current Perspectives. <i>Journal of Asthma and Allergy</i> , <b>2020</b> , 13, 237-247	3.7	10
12	Phenotypical, Clinical, and Molecular Aspects of Adults and Children With Homozygous Familial Hypercholesterolemia in Iberoamerica. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2020</b> , 40, 2508-2515	9.4	9
11	Hypercholesterolemia--a disease with expression from childhood. <i>Revista Portuguesa De Cardiologia</i> , <b>2013</b> , 32, 379-86	1	5
10	Cardiovascular risk profile of high school students: a cross-sectional study. <i>Revista Portuguesa De Cardiologia</i> , <b>2014</b> , 33, 525-34	1	5
9	Prevalence and risk factors of fatty liver in Portuguese adults. <i>European Journal of Clinical Investigation</i> , <b>2020</b> , 50, e13235	4.6	4
8	Hypercholesterolemia A disease with expression since childhood. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , <b>2013</b> , 32, 379-386	0	3
7	No Evidence for Lower Levels of Serum Vitamin D in the Presence of Hepatic Steatosis. A Study on the Portuguese General Population. <i>International Journal of Medical Sciences</i> , <b>2018</b> , 15, 1778-1786	3.7	3
6	What Is the Role of the New Index Relative Fat Mass (RFM) in the Assessment of Nonalcoholic Fatty Liver Disease (NAFLD)?. <i>Obesity Surgery</i> , <b>2020</b> , 30, 560-568	3.7	2
5	LDLR variants functional characterization: Contribution to variant classification. <i>Atherosclerosis</i> , <b>2021</b> , 329, 14-21	3.1	2
4	Applicability of Martin-Hopkins formula and comparison with Friedewald formula for estimated low-density lipoprotein cholesterol in e_COR study population. <i>Revista Portuguesa De Cardiologia</i> , <b>2021</b> ,	1	1
3	Characterization of Two Variants at Met 1 of the Human Gene Encoding the Same Amino Acid but Causing Different Functional Phenotypes. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	1
2	Performance comparison of different classification algorithms applied to the diagnosis of familial hypercholesterolemia in paediatric subjects.. <i>Scientific Reports</i> , <b>2022</b> , 12, 1164	4.9	0
1	Familial hypercholesterolemia <b>2021</b> , 323-348		0

