

# Pierre Zalloua

## List of Publications by Year in descending order

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127  
papers

9,661  
citations

94433

37  
h-index

45317

90  
g-index

134  
all docs

134  
docs citations

134  
times ranked

16210  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive 1000 Genomesâ€‘based genome-wide association meta-analysis of coronary artery disease. <i>Nature Genetics</i> , 2015, 47, 1121-1130.	21.4	2,054
2	Large-scale association analysis identifies new risk loci for coronary artery disease. <i>Nature Genetics</i> , 2013, 45, 25-33.	21.4	1,439
3	Ancient human genomes suggest three ancestral populations for present-day Europeans. <i>Nature</i> , 2014, 513, 409-413.	27.8	1,179
4	Association analyses based on false discovery rate implicate new loci for coronary artery disease. <i>Nature Genetics</i> , 2017, 49, 1385-1391.	21.4	571
5	The Eurasian Heartland: A continental perspective on Y-chromosome diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 10244-10249.	7.1	445
6	Genomic Ancestry of North Africans Supports Back-to-Africa Migrations. <i>PLoS Genetics</i> , 2012, 8, e1002397.	3.5	275
7	Genetically Determined Height and Coronary Artery Disease. <i>New England Journal of Medicine</i> , 2015, 372, 1608-1618.	27.0	220
8	Tracing the Route of Modern Humans out of Africa by Using 225 Human Genome Sequences from Ethiopians and Egyptians. <i>American Journal of Human Genetics</i> , 2015, 96, 986-991.	6.2	152
9	Parallel Evolution of Genes and Languages in the Caucasus Region. <i>Molecular Biology and Evolution</i> , 2011, 28, 2905-2920.	8.9	149
10	Association of the PHACTR1/EDN1 Genetic Locus With Spontaneous Coronary Artery Dissection. <i>Journal of the American College of Cardiology</i> , 2019, 73, 58-66.	2.8	147
11	Identifying Genetic Traces of Historical Expansions: Phoenician Footprints in the Mediterranean. <i>American Journal of Human Genetics</i> , 2008, 83, 633-642.	6.2	127
12	Health system resilience: Lebanon and the Syrian refugee crisis. <i>Journal of Global Health</i> , 2016, 6, 020704.	2.7	125
13	Geographic population structure analysis of worldwide human populations infers their biogeographical origins. <i>Nature Communications</i> , 2014, 5, 3513.	12.8	114
14	Y-Chromosomal Diversity in Lebanon Is Structured by Recent Historical Events. <i>American Journal of Human Genetics</i> , 2008, 82, 873-882.	6.2	106
15	Continuity and Admixture in the Last Five Millennia of Levantine History from Ancient Canaanite and Present-Day Lebanese Genome Sequences. <i>American Journal of Human Genetics</i> , 2017, 101, 274-282.	6.2	102
16	Arsenic/interferon specifically reverses 2 distinct gene networks critical for the survival of HTLV-1-infected leukemic cells. <i>Blood</i> , 2003, 101, 4576-4582.	1.4	98
17	Impact of seafood and fruit consumption on bone mineral density. <i>Maturitas</i> , 2007, 56, 1-11.	2.4	87
18	Genome-Wide Diversity in the Levant Reveals Recent Structuring by Culture. <i>PLoS Genetics</i> , 2013, 9, e1003316.	3.5	77

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19	Large Scale Association Analysis Identifies Three Susceptibility Loci for Coronary Artery Disease. PLoS ONE, 2011, 6, e29427.	2.5	75
20	An updated tree of Y-chromosome Haplogroup O and revised phylogenetic positions of mutations P164 and PK4. European Journal of Human Genetics, 2011, 19, 1013-1015.	2.8	74
21	Development and evaluation of real-time polymerase chain reaction assays on whole blood and paraffin-embedded tissues for rapid diagnosis of human brucellosis. Diagnostic Microbiology and Infectious Disease, 2007, 59, 23-32.	1.8	63
22	Fertility drugs and the risk of breast cancer: a meta-analysis and review. Breast Cancer Research and Treatment, 2010, 124, 13-26.	2.5	56
23	Recent historical migrations have shaped the gene pool of Arabs and Berbers in North Africa. Molecular Biology and Evolution, 2017, 34, msw218.	8.9	56
24	Patients with early onset of type 1 diabetes have significantly higher GG genotype at position 49 of the CTLA4 gene. Human Immunology, 2004, 65, 719-724.	2.4	52
25	Genome-Wide Association Study in a Lebanese Cohort Confirms PHACTR1 as a Major Determinant of Coronary Artery Stenosis. PLoS ONE, 2012, 7, e38663.	2.5	52
26	Geographical Structure of the Y-chromosomal Genetic Landscape of the Levant: A coastal-inland contrast. Annals of Human Genetics, 2009, 73, 568-581.	0.8	51
27	Loss of Cardioprotective Effects at the <i>ADAMTS7</i> Locus as a Result of Gene-Smoking Interactions. Circulation, 2017, 135, 2336-2353.	1.6	51
28	Whole-genome sequence analysis of a Pan African set of samples reveals archaic gene flow from an extinct basal population of modern humans into sub-Saharan populations. Genome Biology, 2019, 20, 77.	8.8	50
29	Y-Chromosome and mtDNA Genetics Reveal Significant Contrasts in Affinities of Modern Middle Eastern Populations with European and African Populations. PLoS ONE, 2013, 8, e54616.	2.5	49
30	Phylogenetic assessment of heterotrophic bacteria from a water distribution system using 16S rDNA sequencing. Canadian Journal of Microbiology, 2005, 51, 325-335.	1.7	48
31	WFS1 mutations are frequent monogenic causes of juvenile-onset diabetes mellitus in Lebanon. Human Molecular Genetics, 2008, 17, 4012-4021.	2.9	48
32	Afghanistan's Ethnic Groups Share a Y-Chromosomal Heritage Structured by Historical Events. PLoS ONE, 2012, 7, e34288.	2.5	46
33	Genetic evidence for an origin of the Armenians from Bronze Age mixing of multiple populations. European Journal of Human Genetics, 2016, 24, 931-936.	2.8	44
34	Genetic Heterogeneity of Beta Thalassemia in Lebanon Reflects Historic and Recent Population Migration. Annals of Human Genetics, 2005, 69, 55-66.	0.8	42
35	Influences of history, geography, and religion on genetic structure: the Maronites in Lebanon. European Journal of Human Genetics, 2011, 19, 334-340.	2.8	40
36	Characterization of a large Lebanese family segregating IgA nephropathy. Nephrology Dialysis Transplantation, 2007, 22, 772-777.	0.7	39

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37	Genome-Wide and Paternal Diversity Reveal a Recent Origin of Human Populations in North Africa. PLoS ONE, 2013, 8, e80293.	2.5	39
38	β-Globin gene cluster haplotypes and HbF levels are not the only modulators of sickle cell disease in Lebanon. European Journal of Haematology, 2003, 70, 79-83.	2.2	38
39	Chad Genetic Diversity Reveals an African History Marked by Multiple Holocene Eurasian Migrations. American Journal of Human Genetics, 2016, 99, 1316-1324.	6.2	37
40	Zidovudine and interferon-α treatment induces a high response rate and reduces HTLV-1 proviral load and VEGF plasma levels in patients with adult T-cell leukemia from North East Iran. Leukemia and Lymphoma, 2007, 48, 330-336.	1.3	36
41	Deep Phylogenetic Analysis of Haplogroup G1 Provides Estimates of SNP and STR Mutation Rates on the Human Y-Chromosome and Reveals Migrations of Iranic Speakers. PLoS ONE, 2015, 10, e0122968.	2.5	35
42	The Natural Metabolite 4-Cresol Improves Glucose Homeostasis and Enhances β-Cell Function. Cell Reports, 2020, 30, 2306-2320.e5.	6.4	35
43	Chemical Cleavage of 5'-Linked Protein from Tobacco Ringspot Virus Genomic RNAs and Characterization of the Protein-RNA Linkage. Virology, 1996, 219, 1-8.	2.4	32
44	Recombination Gives a New Insight in the Effective Population Size and the History of the Old World Human Populations. Molecular Biology and Evolution, 2012, 29, 25-30.	8.9	31
45	mQTL.NMR: An Integrated Suite for Genetic Mapping of Quantitative Variations of <sup>1</sup> H NMR-Based Metabolic Profiles. Analytical Chemistry, 2015, 87, 4377-4384.	6.5	30
46	Consanguinity: A Risk Factor for Preterm Birth at Less Than 33 Weeks' Gestation. American Journal of Epidemiology, 2010, 172, 1424-1430.	3.4	29
47	Mapping Post-Glacial expansions: The Peopling of Southwest Asia. Scientific Reports, 2017, 7, 40338.	3.3	29
48	Genetic and environmental influences on total plasma homocysteine and its role in coronary artery disease risk. Atherosclerosis, 2012, 222, 180-186.	0.8	27
49	Heterogeneity in Palaeolithic Population Continuity and Neolithic Expansion in North Africa. Current Biology, 2019, 29, 3953-3959.e4.	3.9	26
50	T2DM GWAS in the Lebanese population confirms the role of TCF7L2 and CDKAL1 in disease susceptibility. Scientific Reports, 2014, 4, 7351.	3.3	25
51	No Association of Coronary Artery Disease with X-Chromosomal Variants in Comprehensive International Meta-Analysis. Scientific Reports, 2016, 6, 35278.	3.3	25
52	People from Ibiza: an unexpected isolate in the Western Mediterranean. European Journal of Human Genetics, 2019, 27, 941-951.	2.8	25
53	Whole Y-chromosome sequences reveal an extremely recent origin of the most common North African paternal lineage E-M183 (M81). Scientific Reports, 2017, 7, 15941.	3.3	24
54	Ancient DNA of Phoenician remains indicates discontinuity in the settlement history of Ibiza. Scientific Reports, 2018, 8, 17567.	3.3	24

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55	A European Mitochondrial Haplotype Identified in Ancient Phoenician Remains from Carthage, North Africa. <i>PLoS ONE</i> , 2016, 11, e0155046.	2.5	24
56	Mutations and variants of <i>ONECUT1</i> in diabetes. <i>Nature Medicine</i> , 2021, 27, 1928-1940.	30.7	24
57	Effective treatment of hypereosinophilic syndrome with imatinib mesylate. <i>The Hematology Journal</i> , 2003, 4, 410-412.	1.4	23
58	Prenatal and neonatal Group B <i>Streptococcus</i> screening and serotyping in Lebanon: incidence and implications. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2010, 89, 399-403.	2.8	23
59	Parental consanguinity and family history of coronary artery disease strongly predict early stenosis. <i>Atherosclerosis</i> , 2010, 212, 559-563.	0.8	22
60	Genetics of the peloponnesean populations and the theory of extinction of the medieval peloponnesean Greeks. <i>European Journal of Human Genetics</i> , 2017, 25, 637-645.	2.8	22
61	Population distribution and ancestry of the cancer protective <i>MDM2</i> SNP285 (rs117039649). <i>Oncotarget</i> , 2014, 5, 8223-8234.	1.8	22
62	Untargeted Mass Spectrometry Lipidomics identifies correlation between serum sphingomyelins and plasma cholesterol. <i>Lipids in Health and Disease</i> , 2019, 18, 38.	3.0	21
63	Accurate and rapid prenatal diagnosis of the most frequent East Mediterranean $\alpha$ -thalassemia mutations. <i>American Journal of Hematology</i> , 2004, 75, 220-224.	4.1	20
64	Predictors of coronary artery disease in the Lebanese population. <i>Thrombosis Research</i> , 2006, 117, 631-637.	1.7	20
65	Type II diabetes mellitus and hyperhomocysteinemia: a complex interaction. <i>Diabetology and Metabolic Syndrome</i> , 2017, 9, 19.	2.7	20
66	A novel <i>ALMS1</i> splice mutation in a non-obese juvenile-onset insulin-dependent syndromic diabetic patient. <i>European Journal of Human Genetics</i> , 2014, 22, 140-143.	2.8	19
67	<i>RESOLVE</i> -Resolved <sup>1</sup> H NMR 1D-Projections for Large-Scale Metabolic Phenotyping Studies: Application to Blood Plasma Analysis. <i>Analytical Chemistry</i> , 2017, 89, 11405-11412.	6.5	18
68	Multivariate epidemiologic analysis of type 2 diabetes mellitus risks in the Lebanese population. <i>Diabetology and Metabolic Syndrome</i> , 2014, 6, 89.	2.7	17
69	Impact of inflammation, gene variants, and cigarette smoking on coronary artery disease risk. <i>Inflammation Research</i> , 2015, 64, 415-422.	4.0	17
70	Novel Mutation Causing Partial Biotinidase Deficiency in a Syrian Boy With Infantile Spasms and Retardation. <i>Journal of Child Neurology</i> , 2006, 21, 978-981.	1.4	16
71	Caffeine Impact on Metabolic Syndrome Components Is Modulated by a <i>CYP1A2</i> Variant. <i>Annals of Nutrition and Metabolism</i> , 2016, 68, 1-11.	1.9	16
72	Phylogeography of human Y-chromosome haplogroup Q3-L275 from an academic/citizen science collaboration. <i>BMC Evolutionary Biology</i> , 2017, 17, 18.	3.2	16

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73	The genetic landscape of Mediterranean North African populations through complete mtDNA sequences. <i>Annals of Human Biology</i> , 2018, 45, 98-104.	1.0	16
74	THE DD GENOTYPE OF THE ACE GENE POLYMORPHISM IS ASSOCIATED WITH DIABETIC NEPHROPATHY IN TYPE-1 DIABETICS. <i>Endocrine Research</i> , 2001, 27, 99-108.	1.2	15
75	Suicidal gene therapy in an NF- $\kappa$ B-controlled tumor environment as monitored by a secreted blood reporter. <i>Gene Therapy</i> , 2011, 18, 445-451.	4.5	15
76	Molecular basis of oculocutaneous albinism type 1 in Lebanese patients. <i>Journal of Human Genetics</i> , 2005, 50, 317-319.	2.3	14
77	Higher Serum Leptin Level in Women than in Men with Type 1 Diabetes. <i>American Journal of the Medical Sciences</i> , 2002, 323, 206-209.	1.1	13
78	Improved quality of 1H NMR spectroscopic data for enhanced metabolic profiling of low molecular weight metabolites in human serum. <i>Metabolomics</i> , 2011, 7, 270-277.	3.0	13
79	Circulating lipid levels and risk of coronary artery disease in a large group of patients undergoing coronary angiography. <i>Journal of Thrombosis and Thrombolysis</i> , 2015, 39, 15-22.	2.1	13
80	Different waves and directions of Neolithic migrations in the Armenian Highland. <i>Investigative Genetics</i> , 2014, 5, 15.	3.3	12
81	Association of waterpipe smoking with myocardial infarction and determinants of metabolic syndrome among catheterized patients. <i>Inhalation Toxicology</i> , 2017, 29, 429-434.	1.6	12
82	pJRES Binning Algorithm (JBA): a new method to facilitate the recovery of metabolic information from pJRES 1H NMR spectra. <i>Bioinformatics</i> , 2019, 35, 1916-1922.	4.1	12
83	Financial Burden of Cancer Drug Treatment in Lebanon. <i>Asian Pacific Journal of Cancer Prevention</i> , 2016, 17, 3173-7.	1.2	12
84	Increase of Satellite Tobacco Ringspot Virus RNA Initiated by Inoculating Circular RNA. <i>Virology</i> , 1995, 208, 832-837.	2.4	10
85	Periodontitis and diabetes interrelationships in rats: biochemical and histopathological variables. <i>Journal of Diabetes and Metabolic Disorders</i> , 2019, 18, 163-172.	1.9	10
86	Boston Type I Keratoprosthesis for Treatment of Gelatinous Drop-Like Corneal Dystrophy After Repeated Graft Failure. <i>Seminars in Ophthalmology</i> , 2015, 30, 150-153.	1.6	9
87	The consanguinity effect on QF-PCR diagnosis of autosomal anomalies. <i>Prenatal Diagnosis</i> , 2006, 26, 409-414.	2.3	8
88	Association of hypertension with coronary artery disease onset in the Lebanese population. <i>SpringerPlus</i> , 2014, 3, 533.	1.2	8
89	Juvenile-Onset Diabetes and Congenital Cataract: "Double-Gene" Mutations Mimicking a Syndromic Diabetes Presentation. <i>Genes</i> , 2017, 8, 309.	2.4	8
90	Influenza-associated severe acute respiratory infections in 2 sentinel sites in Lebanon-September 2015 to August 2016. <i>Influenza and Other Respiratory Viruses</i> , 2018, 12, 331-335.	3.4	8

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91	High-Density Lipoprotein Cholesterol and the Risk of First Ischemic Stroke in a Chinese Hypertensive Population. <i>Clinical Interventions in Aging</i> , 2021, Volume 16, 801-810.	2.9	8
92	Recombination networks as genetic markers in a human variation study of the Old World. <i>Human Genetics</i> , 2012, 131, 601-613.	3.8	7
93	Gestational diabetes mellitus and macrosomia predispose to diabetes in the Lebanese population. <i>Journal of Clinical and Translational Endocrinology</i> , 2019, 16, 100185.	1.4	7
94	No association between the -1031 polymorphism in the TNF- $\alpha$ promoter region and type 1 diabetes. <i>Human Immunology</i> , 2003, 64, 633-638.	2.4	6
95	mtDNA Lineages Reveal Coronary Artery Disease-Associated Structures in the Lebanese Population. <i>Annals of Human Genetics</i> , 2012, 76, 1-8.	0.8	6
96	Characterizing redescrptions using persistent homology to isolate genetic pathways contributing to pathogenesis. <i>BMC Systems Biology</i> , 2016, 10, 10.	3.0	6
97	Plasma and urine metabolomic analyses in aortic valve stenosis reveal shared and biofluid-specific changes in metabolite levels. <i>PLoS ONE</i> , 2020, 15, e0242019.	2.5	6
98	The Relative Contribution of Plasma Homocysteine Levels vs. Traditional Risk Factors to the First Stroke: A Nested Case-Control Study in Rural China. <i>Frontiers in Medicine</i> , 2021, 8, 727418.	2.6	6
99	The I allele of the angiotensin converting enzyme I/D polymorphism confers protection against coronary artery disease. <i>Coronary Artery Disease</i> , 2010, 21, 151-156.	0.7	5
100	Genome-wide association analysis of HDL-C in a Lebanese cohort. <i>PLoS ONE</i> , 2019, 14, e0218443.	2.5	5
101	Vitamin B <sub>12</sub> and risk of diabetes: new insight from cross-sectional and longitudinal analyses of the China Stroke Primary Prevention Trial (CSPPT). <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001423.	2.8	5
102	Association Between Fasting Blood Glucose and All-Cause Mortality in a Rural Chinese Population: 15-Year Follow-Up Cohort Study. <i>Diabetes Therapy</i> , 2020, 11, 2691-2701.	2.5	5
103	New susceptibility alleles associated with severe coronary artery stenosis in the Lebanese population. <i>BMC Medical Genomics</i> , 2021, 14, 90.	1.5	5
104	Cigarette smoking and all-cause mortality in rural Chinese male adults: 15-year follow-up of the Anqing cohort study. <i>BMC Public Health</i> , 2021, 21, 696.	2.9	5
105	Prevalence of asthmatic symptoms in Lebanese patients with type 1 diabetes and their unaffected siblings compared to age-matched controls. <i>Acta Diabetologica</i> , 2010, 47, 13-18.	2.5	4
106	Y-chromosome R-M343 African lineages and sickle cell disease reveal structured assimilation in Lebanon. <i>Journal of Human Genetics</i> , 2011, 56, 29-33.	2.3	4
107	Screening for antiretroviral drug resistance among treatment-naïve human immunodeficiency virus type 1-infected individuals in Lebanon. <i>Journal of Infection in Developing Countries</i> , 2014, 8, 339-348.	1.2	4
108	Shared genetic variants between serum levels of high-density lipoprotein cholesterol and wheezing in a cohort of children from Cyprus. <i>Italian Journal of Pediatrics</i> , 2016, 42, 67.	2.6	4

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109	Containment of Highly Pathogenic Avian Influenza A(H5N1) Virus, Lebanon, 20161. Emerging Infectious Diseases, 2018, 24, 374-376.	4.3	4
110	Autosomal genetics and Y-chromosome haplogroup L1b-M317 reveal Mount Lebanon Maronites as a persistently non-emigrating population. European Journal of Human Genetics, 2021, 29, 581-592.	2.8	3
111	The Codons 8/9 (+G) Mutation Found for the First Time in the Lebanese Population. Hemoglobin, 2003, 27, 1-5.	0.8	2
112	Nicotine metabolism in healthy smokers and patients with cardiovascular diseases. Molecular and Cellular Biochemistry, 2005, 280, 241-244.	3.1	2
113	ALOX5AP gene variants show differential association with coronary artery disease in different populations. Journal of Community Genetics, 2010, 1, 107-115.	1.2	2
114	Response to Giem. American Journal of Human Genetics, 2018, 102, 331.	6.2	1
115	Lies, Gosh Darn Lies, and not enough good statistics: why epidemic model parameter estimation fails. Scientific Reports, 2021, 11, 408.	3.3	1
116	Inverse association between body mass index and all-cause mortality in rural chinese adults: 15-year follow-up of the Anqing cohort study. BMJ Open, 2021, 11, e045495.	1.9	1
117	Association of coronary artery disease and chronic kidney disease in Lebanese population. International Journal of Clinical and Experimental Medicine, 2015, 8, 15866-77.	1.3	1
118	Genetic Architecture of Untargeted Lipidomics in Cardiometabolic-Disease Patients Combines Strong Polygenic Control and Pleiotropy. Metabolites, 2022, 12, 596.	2.9	1
119	To the Editor. Annals of Human Genetics, 2006, 70, 695-696.	0.8	0
120	956. Imaging of Radiation-Inducible Promoters Using a Naturally Secreted Luciferase from the Marine Copepod <i>Gaussia princeps</i> . Molecular Therapy, 2006, 13, S369.	8.2	0
121	The impact of Syrian refugees on patient demographics and type 2 diabetes across five public health centers in Lebanon. Journal of Global Health Reports, 0, 5, .	1.0	0
122	Title is missing!. , 2020, 15, e0242019.		0
123	Title is missing!. , 2020, 15, e0242019.		0
124	Title is missing!. , 2020, 15, e0242019.		0
125	Title is missing!. , 2020, 15, e0242019.		0
126	Title is missing!. , 2020, 15, e0242019.		0



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127	Title is missing!. , 2020, 15, e0242019.		0