

# Catalina Santiago

## List of Publications by Year in descending order

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69  
papers

2,038  
citations

185998

28  
h-index

253896

43  
g-index

69  
all docs

69  
docs citations

69  
times ranked

2386  
citing authors

#	ARTICLE	IF	CITATIONS
1	Is there an optimum endurance polygenic profile?. <i>Journal of Physiology</i> , 2009, 587, 1527-1534.	1.3	113
2	ACTN3 genotype in professional soccer players. <i>British Journal of Sports Medicine</i> , 2007, 42, 71-73.	3.1	101
3	No Evidence of a Common DNA Variant Profile Specific to World Class Endurance Athletes. <i>PLoS ONE</i> , 2016, 11, e0147330.	1.1	96
4	Can we identify a power-oriented polygenic profile?. <i>Journal of Applied Physiology</i> , 2010, 108, 561-566.	1.2	92
5	Favorable Responses to Acute and Chronic Exercise in McArdle Patients. <i>Clinical Journal of Sport Medicine</i> , 2007, 17, 297-303.	0.9	85
6	World-class performance in lightweight rowing: is it genetically influenced? A comparison with cyclists, runners and non-athletes. <i>British Journal of Sports Medicine</i> , 2010, 44, 898-901.	3.1	71
7	The K153R Polymorphism in the Myostatin Gene and Muscle Power Phenotypes in Young, Non-Athletic Men. <i>PLoS ONE</i> , 2011, 6, e16323.	1.1	67
8	Follow-up in healthy schoolchildren and in adolescents with DOWN syndrome: psycho-environmental and genetic determinants of physical activity and its impact on fitness, cardiovascular diseases, inflammatory biomarkers and mental health; the UP&DOWN Study. <i>BMC Public Health</i> , 2014, 14, 400.	1.2	67
9	ApoE gene and exceptional longevity: Insights from three independent cohorts. <i>Experimental Gerontology</i> , 2014, 53, 16-23.	1.2	66
10	Does the polygenic profile determine the potential for becoming a world-class athlete? Insights from the sport of rowing. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2010, 20, e188-94.	1.3	55
11	The $\gamma$ 786 T/C polymorphism of the NOS3 gene is associated with elite performance in power sports. <i>European Journal of Applied Physiology</i> , 2009, 107, 565-569.	1.2	53
12	<i>ACTN3</i> R577X polymorphism does not influence explosive leg muscle power in elite volleyball players. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2011, 21, e34-41.	1.3	51
13	Citius and longius (faster and longer) with no $\alpha$ -actinin-3 in skeletal muscles?. <i>British Journal of Sports Medicine</i> , 2007, 41, 616-617.	3.1	48
14	$\alpha$ -Smoking Genes™: A Genetic Association Study. <i>PLoS ONE</i> , 2011, 6, e26668.	1.1	48
15	The C allele of the <i>AGT</i> Met235Thr polymorphism is associated with power sports performance. <i>Applied Physiology, Nutrition and Metabolism</i> , 2009, 34, 1108-1111.	0.9	46
16	The $\gamma$ 174 G/C polymorphism of the IL6 gene is associated with elite power performance. <i>Journal of Science and Medicine in Sport</i> , 2010, 13, 549-553.	0.6	43
17	Can we predict top-level sports performance in power vs endurance events? A genetic approach. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2011, 21, 570-579.	1.3	42
18	Genotype modulators of clinical severity in McArdle disease. <i>Neuroscience Letters</i> , 2007, 422, 217-222.	1.0	40

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19	Effects of cigarette smoking and nicotine metabolite ratio on leukocyte telomere length.. Environmental Research, 2015, 140, 488-494.	3.7	38
20	Cardiorespiratory Fitness Cutoff Points for Early Detection of Present and Future Cardiovascular Risk in Children. Mayo Clinic Proceedings, 2017, 92, 1753-1762.	1.4	37
21	Is there an association between ACTN3 R577X polymorphism and muscle power phenotypes in young, non-athletic adults?. Scandinavian Journal of Medicine and Science in Sports, 2010, 20, 771-778.	1.3	36
22	Single and combined influence of ACE and ACTN3 genotypes on muscle phenotypes in octogenarians. European Journal of Applied Physiology, 2012, 112, 2409-2420.	1.2	33
23	Genetic predisposition to acute kidney injury induced by severe sepsis. Journal of Critical Care, 2013, 28, 365-370.	1.0	33
24	The 577X allele of the ACTN3 gene is associated with improved exercise capacity in women with McArdle's disease. Neuromuscular Disorders, 2007, 17, 603-610.	0.3	32
25	Does the ACE I/D polymorphism, alone or in combination with the ACTN3 R577X polymorphism, influence muscle power phenotypes in young, non-athletic adults?. European Journal of Applied Physiology, 2010, 110, 1099-1106.	1.2	31
26	ACTN3 R577X Polymorphism and Explosive Leg-Muscle Power in Elite Basketball Players. International Journal of Sports Physiology and Performance, 2014, 9, 226-232.	1.1	31
27	Muscle Fitness Cut Points for Early Assessment of Cardiovascular Risk in Children and Adolescents. Journal of Pediatrics, 2019, 206, 134-141.e3.	0.9	31
28	Trp64Arg polymorphism in ADRB3 gene is associated with elite endurance performance. British Journal of Sports Medicine, 2011, 45, 147-149.	3.1	29
29	The K153R variant in the myostatin gene and sarcopenia at the end of the human lifespan. Age, 2010, 32, 405-409.	3.0	28
30	The "yeast cell wall chip" a tool to analyse the regulation of cell wall biogenesis in Saccharomyces cerevisiae. Microbiology (United Kingdom), 2005, 151, 2241-2249.	0.7	27
31	Does complete deficiency of muscle Actinin 3 alter functional capacity in elderly women? A preliminary report. British Journal of Sports Medicine, 2006, 40, e1-e1.	3.1	25
32	Are "Endurance" Alleles "Survival" Alleles? Insights from the ACTN3 R577X Polymorphism. PLoS ONE, 2011, 6, e17558.	1.1	25
33	The rs12594956 polymorphism in the NRF-2 gene is associated with top-level Spanish athlete's performance status. Journal of Science and Medicine in Sport, 2013, 16, 135-139.	0.6	24
34	Unique among unique. Is it genetically determined?. British Journal of Sports Medicine, 2009, 43, 307-309.	3.1	23
35	Genetic Predisposition to Acute Respiratory Distress Syndrome in Patients With Severe Sepsis. Shock, 2013, 39, 255-260.	1.0	23
36	Is the ~174 C/G polymorphism of the L6 gene associated with elite power performance? A replication study with two different Caucasian cohorts. Experimental Physiology, 2011, 96, 156-162.	0.9	22

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37	Are elite endurance athletes genetically predisposed to lower disease risk?. <i>Physiological Genomics</i> , 2010, 41, 82-90.	1.0	21
38	A Novel, Single Algorithm Approach to Predict Acenocoumarol Dose Based on CYP2C9 and VKORC1 Allele Variants. <i>PLoS ONE</i> , 2010, 5, e11210.	1.1	20
39	The I allele of the ACE gene is associated with improved exercise capacity in women with McArdle disease. <i>British Journal of Sports Medicine</i> , 2007, 42, 134-140.	3.1	19
40	<i>ACTN3</i> genotype in Spanish elite swimmers: No "heterozygous advantage". <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2013, 23, e162-7.	1.3	19
41	Telomere Length in Elite Athletes. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 994-996.	1.1	19
42	STR genetic diversity in a Mediterranean population from the south of the Iberian Peninsula. <i>Annals of Human Biology</i> , 2010, 37, 254-267.	0.4	18
43	Are Calcineurin Genes Associated with Athletic Status? A Function, Replication Study. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 1433-1440.	0.2	18
44	Red Bull® energy drink increases consumption of higher concentrations of alcohol. <i>Addiction Biology</i> , 2018, 23, 1094-1105.	1.4	17
45	Exome sequencing of three cases of familial exceptional longevity. <i>Aging Cell</i> , 2014, 13, 1087-1090.	3.0	16
46	Are centenarians genetically predisposed to lower disease risk?. <i>Age</i> , 2012, 34, 1269-1283.	3.0	15
47	<i>FNDC5</i> (irisin) gene and exceptional longevity: a functional replication study with rs16835198 and rs726344 SNPs. <i>Age</i> , 2014, 36, 9733.	3.0	15
48	Is the <i>ACE</i> I/D polymorphism associated with extreme longevity? A study on a Spanish cohort. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2011, 12, 202-207.	1.0	13
49	Are Serotonergic System Genes Associated to Smoking Cessation Therapy Success in Addition to CYP2A6?. <i>Pharmacopsychiatry</i> , 2014, 47, 33-36.	1.7	13
50	Association of the Genetic Polymorphisms of the Renin-Angiotensin System With Kidney Graft Long-Term Outcome: Preliminary Results. <i>Transplantation Proceedings</i> , 2005, 37, 3716-3717.	0.3	10
51	Pharmacogenetics of acenocoumarol: CYP2C9 *2 and VKORC1 c.-1639G>A, 497C>G, 1173C>T, and 3730G>A variants influence drug dose in anticoagulated patients. <i>Thrombosis and Haemostasis</i> , 2009, 101, 591-593.	1.8	10
52	No Association Between <i>ACTN3</i> R577X Polymorphism and Elite Judo Athletic Status. <i>International Journal of Sports Physiology and Performance</i> , 2013, 8, 579-581.	1.1	10
53	Genetic variations associated with non-contact muscle injuries in sport: A systematic review. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 2014-2032.	1.3	9
54	Acyl Coenzyme A Synthetase Long-Chain 1 ( <i>ACSL1</i> ) Gene Polymorphism (rs6552828) and Elite Endurance Athletic Status: A Replication Study. <i>PLoS ONE</i> , 2012, 7, e41268.	1.1	8

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55	Effect of Genetic Polymorphisms and Long-Term Tobacco Exposure on the Risk of Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1726.	1.8	7
56	Does the K153R variant of the myostatin gene influence the clinical presentation of women with McArdle disease?. <i>Neuromuscular Disorders</i> , 2009, 19, 220-222.	0.3	6
57	PTK2 rs7460 and rs7843014 Polymorphisms and Exceptional Longevity: A Functional Replication Study. <i>Rejuvenation Research</i> , 2014, 17, 430-438.	0.9	6
58	Physical-Capacity-Related Genetic Polymorphisms in Children with Cystic Fibrosis. <i>Pediatric Exercise Science</i> , 2015, 27, 102-112.	0.5	6
59	Acute Impacts of Different Types of Exercise on Circulating Î±-Klotho Protein Levels. <i>Frontiers in Physiology</i> , 2021, 12, 716473.	1.3	6
60	Mitochondriogenesis Genes and Extreme Longevity. <i>Rejuvenation Research</i> , 2013, 16, 67-73.	0.9	4
61	A Paradox: Î±-Klotho Levels and Smoking Intensity. <i>Lung</i> , 2017, 195, 53-57.	1.4	4
62	Are SNP-Smoking Association Studies Needed in Controls? DNA Repair Gene Polymorphisms and Smoking Intensity. <i>PLoS ONE</i> , 2015, 10, e0129374.	1.1	4
63	<i>CYP2D6</i> polymorphism screening in a selected population of Spain (La Alpujarra): No effect of geographical isolation. <i>Annals of Human Biology</i> , 2010, 37, 268-274.	0.4	3
64	Pharmacogenetics of acenocoumarol: <i>CYP2C9</i> *2 and <i>VKORC1</i> c.-1639G>A, 497C>G, 1173C>T, and 3730G>A variants influence drug dose in anticoagulated patients. <i>Thrombosis and Haemostasis</i> , 2009, 101, 591-3.	1.8	3
65	Identification of <i>CYP2D6</i> null variants among long-estay, chronic psychiatric inpatients: Is it strictly necessary?. <i>Human Psychopharmacology</i> , 2008, 23, 533-536.	0.7	2
66	The Effect of Polymorphisms in DNA Repair Genes and Carcinogen Metabolizers on Leukocyte Telomere Length: A Cohort of Healthy Spanish Smokers. <i>Nicotine and Tobacco Research</i> , 2016, 18, 447-452.	1.4	2
67	Association of HTR2A-1438G/A Genetic Polymorphism With Smoking and Chronic Obstructive Pulmonary Disease. <i>Archivos De Bronconeumologia</i> , 2019, 55, 128-133.	0.4	2
68	Genetic variants in the PPARG-PPARGC1A-NRF-TFAM mitochondriogenesis pathway are neither associated with muscle characteristics nor physical performance in elderly. [Variaciones genéticas en la vía de la mitocondriogénesis PPARG-PPARGC1A-NRF-TFAM no están asociadas ni con características musculares ni con rendimiento físico en personas mayores].. <i>RICYDE Revista Internacional De Ciencias Del Deporte</i> , 2015, 11, 196-208.	0.1	1
69	Association of HTR2A-1438G/A Genetic Polymorphism With Smoking and Chronic Obstructive Pulmonary Disease. <i>Archivos De Bronconeumologia</i> , 2019, 55, 128-133.	0.4	0