Eliecer Coto

List of Publications by Year
in descending order

99 papers	13,106 citations	87723 38 h-index	37111 96 g-index
100 all docs	100 docs citations	100 times ranked	18083 citing authors

#	Article	IF	Citations
1	Meta-analysis of 74,046 individuals identifies 11 new susceptibility loci for Alzheimer's disease. Nature Genetics, 2013, 45, 1452-1458.	9.4	3,741
2	Genetic meta-analysis of diagnosed Alzheimerâ€™s disease identifies new risk loci and implicates Aî², tau, immunity and lipid processing. Nature Genetics, 2019, 51, 414-430.	9.4	1,962
3	Common variants at ABCA7, MS4A6A/MS4A4E, EPHA1, CD33 and CD2AP are associated with Alzheimer's disease. Nature Genetics, 2011, 43, 429-435.	9.4	1,708
4	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. Nature Genetics, 2017, 49, 1373-1384.	9.4	783
5	Unified Criteria for Ultrasonographic Diagnosis of ADPKD. Journal of the American Society of Nephrology: JASN, 2009, 20, 205-212.	3.0	590
6	Comparison of phenotypes of polycystic kidney disease types 1 and 2. Lancet, The, 1999, 353, 103-107.	6.3	547
7	Convergent genetic and expression data implicate immunity in Alzheimer's disease. Alzheimer's and Dementia, 2015, 11, 658-671.	0.4	173
8	Genetic variation in the renin-angiotensin system and athletic performance. European Journal of Applied Physiology, 2000, 82, 117-120.	1.2	168
9	Gene-Wide Analysis Detects Two New Susceptibility Genes for Alzheimer's Disease. PLoS ONE, 2014, 9, e94661.	1.1	155
10	Angiotensin-converting enzymes (ACE, ACE2) gene variants and COVID-19 outcome. Gene, 2020, 762, 145102.	1.0	154
11	Profile of microRNAs in the plasma of Parkinsonâ€™s disease patients and healthy controls. Journal of Neurology, 2013, 260, 1420-1422.	1.8	132
12	Genotype-Renal Function Correlation in Type 2 Autosomal Dominant Polycystic Kidney Disease. Journal of the American Society of Nephrology: JASN, 2003, 14, 1164-1174.	3.0	129
13	A complete mutation screen of PKHD1 in autosomal-recessive polycystic kidney disease (ARPKD) pedigrees. Kidney International, 2003, 64, 391-403.	2.6	113
14	Mitochondrial DNA polymorphisms and risk of Parkinson's disease in Spanish population. Journal of the Neurological Sciences, 2005, 236, 49-54.	0.3	97
15	In Vivo Interleukin-6 Protects Neutrophils from Apoptosis in Osteomyelitis. Infection and Immunity, 2004, 72, 3823-3828.	1.0	83
16	Association between the NOS3 (â^'786 T/C) and the ACE (I/D) DNA Genotypes and Early Coronary Artery Disease. Nitric Oxide - Biology and Chemistry, 2001, 5, 343-348.	1.2	81
17	Aberrant Splicing in the PKD2 Gene as a Cause of Polycystic Kidney Disease. Journal of the American Society of Nephrology: JASN, 1999, 10, 2342-2351.	3.0	77
18	Mutational screening of the mortalin gene (HSPA9) in Parkinsonâ€™s disease. Journal of Neural Transmission, 2009, 116, 1289-1293.	1.4	74

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19	Genetic variation at IL12B, IL23R and IL23A is associated with psoriasis severity, psoriatic arthritis and type 2 diabetes mellitus. Journal of Dermatological Science, 2014, 75, 167-172.	1.0	73
20	Location of mutations within the PKD2 gene influences clinical outcome. Kidney International, 2000, 57, 1444-1451.	2.6	70
21	Association between the TNFÎ±-308 A/G polymorphism and the onset-age of Alzheimer disease. American Journal of Medical Genetics Part A, 2002, 114, 574-577.	2.4	69
22	Synergistic Effect between Apolipoprotein E and Angiotensinogen Gene Polymorphisms in the Risk for Early Myocardial Infarction. Clinical Chemistry, 2000, 46, 1910-1915.	1.5	65
23	Chemokines (RANTES and MCP-1) and chemokine-receptors (CCR2 and CCR5) gene polymorphisms in Alzheimer's and Parkinson's disease. Neuroscience Letters, 2004, 370, 151-154.	1.0	65
24	Replication of MAPT and SNCA, but not PARK16â€18, as susceptibility genes for Parkinson's disease. Movement Disorders, 2011, 26, 819-823.	2.2	64
25	Hypertrophic Cardiomyopathy: Low Frequency of Mutations in the Î²-Myosin Heavy Chain (MYH7) and Cardiac Troponin T (TNNT2) Genes among Spanish Patients. Clinical Chemistry, 2003, 49, 1279-1285.	1.5	62
26	A new mutation (intron 9 +1 G>T) in the SLC12A3 gene is linked to Gitelman syndrome in Gypsies. Kidney International, 2004, 65, 25-29.	2.6	59
27	Genetic Variation of DKK3 May Modify Renal Disease Severity in ADPKD. Journal of the American Society of Nephrology: JASN, 2010, 21, 1510-1520.	3.0	59
28	MiRNA Profile in the Substantia Nigra of Parkinsonâ€™s Disease and Healthy Subjects. Journal of Molecular Neuroscience, 2014, 54, 830-836.	1.1	58
29	Mitochondrial DNA haplogroups in Spanish patients with hypertrophic cardiomyopathy. International Journal of Cardiology, 2006, 112, 202-206.	0.8	57
30	Shared genetic contribution to ischemic stroke and Alzheimer's disease. Annals of Neurology, 2016, 79, 739-747.	2.8	56
31	Mitochondrial haplogroup T is negatively associated with the status of elite endurance athlete. Mitochondrion, 2007, 7, 354-357.	1.6	52
32	Espectro mutacional de los genes sarcomÃ©ricos MYH7, MYBPC3, TNNT2, TNNI3 y TPM1 en pacientes con miocardiopatÃa hipertrÃ³fica. Revista Espanola De Cardiologia, 2009, 62, 48-56.	0.6	51
33	Mutation Analysis of the Main Hypertrophic Cardiomyopathy Genes Using Multiplex Amplification and Semiconductor Next-Generation Sequencing. Circulation Journal, 2014, 78, 2963-2971.	0.7	51
34	A Search for SNCA 3â€² UTR Variants Identified SNP rs356165 as a Determinant of Disease Risk and Onset Age in Parkinsonâ€™s Disease. Journal of Molecular Neuroscience, 2012, 47, 425-430.	1.1	49
35	Association between an Î±2 Macroglobulin DNA Polymorphism and Late-Onset Alzheimer's Disease. Biochemical and Biophysical Research Communications, 1999, 264, 48-50.	1.0	48
36	Variation in the LRP-associated protein gene (LRPAP1) is associated with late-onset Alzheimer disease. American Journal of Medical Genetics Part A, 2001, 105, 76-78.	2.4	48

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37	Association study between obsessiveâ€“compulsive disorder and serotonergic candidate genes. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 765-770.	2.5	47
38	Mutational analysis of the CCR5 and CXCR4 genes (HIV-1 co-receptors) in resistance to HIV-1 infection and AIDS development among intravenous drug users. Human Genetics, 1998, 102, 483-486.	1.8	42
39	Haplotype analysis improves molecular diagnostics of autosomal recessive polycystic kidney disease. American Journal of Kidney Diseases, 2005, 45, 77-87.	2.1	41
40	Association study of serotonin 2A receptor (5-HT2A) and serotonin transporter (5-HTT) gene polymorphisms with schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2007, 31, 741-745.	2.5	38
41	Distal RTA with nerve deafness: clinical spectrum and mutational analysis in five children. Pediatric Nephrology, 2007, 22, 825-828.	0.9	37
42	Pharmacogenetics of Calcineurin Inhibitors in Renal Transplantation. Transplantation, 2009, 88, S62-S67.	0.5	37
43	Evidence of a third ADPKD locus is not supported by re-analysis of designated PKD3 families. Kidney International, 2014, 85, 383-392.	2.6	37
44	IL-1Î± (â^'â€‰889) promoter polymorphism is a risk factor for osteomyelitis. , 2003, 119A, 132-136.		35
45	Differential role of serotonergic polymorphisms in alcohol and heroin dependence. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2009, 33, 695-700.	2.5	35
46	Analysis of the Microâ€RNAâ€133 and PITX3 genes in Parkinson's disease. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2010, 153B, 1234-1239.	1.1	33
47	MAPT H1 Haplotype is Associated with Late-Onset Alzheimerâ€™s Disease Risk in APOE É›4 Noncarriers: Results from the Dementia Genetics Spanish Consortium. Journal of Alzheimer's Disease, 2015, 49, 343-352.	1.2	32
48	Transethnic meta-analysis of rare coding variants in PLCG2, ABI3, and TREM2 supports their general contribution to Alzheimerâ€™s disease. Translational Psychiatry, 2019, 9, 55.	2.4	32
49	Mitochondrial transcription factor A (TFAM) gene variation in Parkinson's disease. Neuroscience Letters, 2008, 432, 79-82.	1.0	30
50	Alpha-synuclein transcript isoforms in three different brain regions from Parkinson's disease and healthy subjects in relation to the SNCA rs356165/rs11931074 polymorphisms. Neuroscience Letters, 2014, 562, 45-49.	1.0	30
51	The TNFRSF1B rs1061622 polymorphism (p.M196R) is associated with biological drug outcome in Psoriasis patients. Archives of Dermatological Research, 2015, 307, 405-412.	1.1	30
52	Gene variants in the NF-KB pathway (NFKB1, NFKBIA, NFKBIZ) and risk for early-onset coronary artery disease. Immunology Letters, 2019, 208, 39-43.	1.1	30
53	Association between the A-1438G polymorphism of the serotonin 2A receptor gene and nonimpulsive suicide attempts. Psychiatric Genetics, 2008, 18, 213-218.	0.6	29
54	Mitochondrial DNA and TFAM gene variation in early-onset myocardial infarction: Evidence for an association to haplogroup H. Mitochondrion, 2011, 11, 176-181.	1.6	29

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55	The NOS3 (27-bp repeat, intron 4) polymorphism is associated with susceptibility to osteomyelitis. Nitric Oxide - Biology and Chemistry, 2007, 16, 44-53.	1.2	28
56	Profile of MicroRNAs Differentially Produced in Hearts from Patients with Hypertrophic Cardiomyopathy and Sarcomeric Mutations. Clinical Chemistry, 2011, 57, 1614-1616.	1.5	28
57	Association Between the Stin2 VNTR Polymorphism of the Serotonin Transporter Gene and Treatment Outcome in Alcohol-Dependent Patients. Alcohol and Alcoholism, 2008, 43, 516-522.	0.9	26
58	The Reninâ€“Angiotensinâ€“Aldosterone System and Coronavirus Disease 2019. European Cardiology Review, 2021, 16, e07.	0.7	26
59	No association between Parkinson's disease and three polymorphisms in the eNOS, nNOS, and iNOS genes. Neuroscience Letters, 2007, 413, 202-205.	1.0	25
60	Mitochondrial Transcription Factor A (TFAM) Gene Variation and Risk of Late-Onset Alzheimer's Disease. Journal of Alzheimer's Disease, 2008, 13, 275-280.	1.2	25
61	Distal renal tubular acidosis. Clinical manifestations in patients with different underlying gene mutations. Pediatric Nephrology, 2018, 33, 1523-1529.	0.9	25
62	Variation in the lipoprotein receptor-related protein, Î±2-macroglobulin and lipoprotein receptor-associatedprotein genes in relation to plasma lipid levels and riskof early myocardial infarction. Coronary Artery Disease, 2002, 13, 251-254.	0.3	24
63	Hypertrophic cardiomyopathy linked to homozygosity for a new mutation in the myosin-binding protein C gene (A627V) suggests a dosage effect. International Journal of Cardiology, 2005, 102, 501-507.	0.8	24
64	Genetic variation at the CCR5/CCR2 gene cluster and risk of psoriasis and psoriatic arthritis. Cytokine, 2010, 50, 114-116.	1.4	22
65	A single-nucleotide polymorphism in the human p27kip1 gene (-838C>A) affects basal promoter activity and the risk of myocardial infarction. BMC Biology, 2004, 2, 5.	1.7	21
66	Functional polymorphisms in genes of the Angiotensin and Serotonin systems and risk of hypertrophic cardiomyopathy: AT1R as a potential modifier. Journal of Translational Medicine, 2010, 8, 64.	1.8	21
67	Role of serotonergic-related systems in suicidal behavior: Data from a caseâ€“control association study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 1518-1524.	2.5	21
68	Association between a MYH9 polymorphism (rs3752462) and renal function in the Spanish RENASTUR cohort. Gene, 2013, 520, 73-76.	1.0	21
69	Resequencing the Whole MYH7 Gene (Including the Intronic, Promoter, and 3â€² UTR Sequences) in Hypertrophic Cardiomyopathy. Journal of Molecular Diagnostics, 2012, 14, 518-524.	1.2	20
70	Interaction of insulin and PPAR-Î± genes in Alzheimerâ€™s disease: the Epistasis Project. Journal of Neural Transmission, 2012, 119, 473-479.	1.4	20
71	Mutations in Sarcomeric Genes MYH7, MYBPC3, TNNT2, TNNI3, and TPM1 in Patients With Hypertrophic Cardiomyopathy. Revista Espanola De Cardiologia (English Ed), 2009, 62, 48-56.	0.4	19
72	Interactions between functional serotonergic polymorphisms and demographic factors influence personality traits in healthy Spanish Caucasians. Psychiatric Genetics, 2010, 20, 171-178.	0.6	19

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73	Mitochondrial DNA haplogroups and risk of new-onset diabetes among tacrolimus-treated renal transplanted patients. Gene, 2014, 538, 195-198.	1.0	19
74	Early-onset Parkinsonâ€™s disease associated with a new parkin mutation in a Spanish family. Neuroscience Letters, 2001, 313, 108-110.	1.0	17
75	A search for cyclophilinâ€A gene variants in cyclosporine Aâ€treated renal transplanted patients. Clinical Transplantation, 2008, 22, 722-729.	0.8	17
76	Influence of endothelial nitric oxide synthase polymorphisms in psoriasis risk. Archives of Dermatological Research, 2011, 303, 445-449.	1.1	16
77	Gitelman syndrome in Gypsy paediatric patients carrying the same intron 9 + 1 G>T mutation. Clinical features and impact on quality of life. Nephrology Dialysis Transplantation, 2011, 26, 151-155.	0.4	15
78	Resequencing of the IL12B gene in psoriasis patients with the rs6887695/rs3212227 risk genotypes. Cytokine, 2012, 60, 27-29.	1.4	15
79	A labor- and cost-effective non-optical semiconductor (Ion Torrent) next-generation sequencing of the SLC12A3 and CLCNKA/B genes in Gitelmanâ€™s syndrome patients. Journal of Human Genetics, 2014, 59, 376-380.	1.1	15
80	Functional polymorphisms in the CYP3A4, CYP3A5, and CYP21A2 genes in the risk for hypertension in pregnancy. Biochemical and Biophysical Research Communications, 2010, 397, 576-579.	1.0	14
81	The screening of the 3â€²UTR sequence of LRRK2 identified an association between the rs66737902 polymorphism and Parkinsonâ€™s disease. Journal of Human Genetics, 2014, 59, 346-348.	1.1	14
82	Interactions between PPAR-Î± and inflammation-related cytokine genes on the development of Alzheimer's disease, observed by the Epistasis Project. International Journal of Molecular Epidemiology and Genetics, 2012, 3, 39-47.	0.4	13
83	Common European Mitochondrial Haplogroups in the Risk for Psoriasis and Psoriatic Arthritis. Genetic Testing and Molecular Biomarkers, 2012, 16, 621-623.	0.3	11
84	Mitochondrial Transcription Factors TFA, TFB1 and TFB2: A Search for DNA Variants/Haplotypes and the Risk of Cardiac Hypertrophy. Disease Markers, 2008, 25, 131-139.	0.6	10
85	Mitochondrial DNA polymorphisms/haplogroups in hereditary spastic paraplegia. Journal of Neurology, 2012, 259, 246-250.	1.8	9
86	The G263X MYBPC3 mutation is a common and low-penetrant mutation for hypertrophic cardiomyopathy in the region of Asturias (Northern Spain). International Journal of Cardiology, 2013, 168, 4555-4556.	0.8	9
87	A new SLC12A3 founder mutation (p.Val647Met) in Gitelman's syndrome patients of Roma ancestry. Nefrologia, 2017, 37, 423-428.	0.2	9
88	Prevalence and spectrum of mutations in the sarcomeric troponin T and I genes in a cohort of Spanish cardiac hypertrophy patients. International Journal of Cardiology, 2007, 121, 115-116.	0.8	8
89	A labor and cost effective next generation sequencing of PKHD1 in autosomal recessive polycystic kidney disease patients. Gene, 2015, 561, 165-169.	1.0	7
90	Mutation analysis of the myocyte enhancer factor 2A gene (MEF2A) in patients with left ventricular hypertrophy/hypertrophic cardiomyopathy. American Journal of Medical Genetics, Part A, 2009, 149A, 286-289.	0.7	5

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91	ImplicaciÃ³n de polimorfismos serotoninÃ©rgicos en la gravedad clÃ¡nica del trastorno de pÃ¡nico. Revista De PsiquiatrÃa Y Salud Mental, 2009, 2, 35-41.	1.0	5
92	Mutational screening of the Mitochondrial transcription factors B1 and B2 (TFB1M and TFB2M) in Parkinson's disease. Parkinsonism and Related Disorders, 2009, 15, 468-470.	1.1	4
93	Bilineal inheritance of type 1 autosomal dominant polycystic kidney disease (ADPKD) and recurrent fetal loss. CKJ: Clinical Kidney Journal, 2008, 1, 289-291.	1.4	3
94	A new SLC12A3 founder mutation (p.Val647Met) in Gitelman's syndrome patients of Roma ancestry. Nefrologia, 2017, 37, 423-428.	0.2	3
95	Effect of mitochondrial,APOE. ACEandNOS3gene polymorphisms on cardiovascular risk factors among theVaqueiros de Alzada, a Northern Spain human isolate. Annals of Human Biology, 2014, 41, 94-97.	0.4	2
96	The T-786C endothelial nitric oxide synthase genotype and coronary artery disease. Journal of the American College of Cardiology, 2003, 42, 1140.	1.2	1
97	Role of serotonergic polymorphisms in the clinical severity of the panic disorder. Revista De PsiquiatrÃa Y Salud Mental (English Edition), 2009, 2, 35-41.	0.2	1
98	Gitelman syndrome: a review of clinical features, genetic diagnosis and therapeutic management. Expert Opinion on Orphan Drugs, 2016, 4, 1005-1009.	0.5	1
99	The APOB polymorphism rs1801701 A/G (p.R3638Q) is an independent risk factor for early-onset coronary artery disease: Data from a Spanish cohort. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 1564-1568.	1.1	0