

# Andres Ruiz-Linares

## List of Publications by Year in descending order

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134  
papers

15,210  
citations

38660  
50  
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20900  
115  
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151  
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docs citations

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times ranked

18486  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Genome-Wide Scan on Individual Typology Angle Found Variants at SLC24A2 Associated with Skin Color Variation in Chinese Populations. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1223-1227.e14.	0.3	6
2	Ancestral diversity improves discovery and fine-mapping of genetic loci for anthropometric traits The Hispanic/Latino Anthropometry Consortium. <i>Human Genetics and Genomics Advances</i> , 2022, 3, 100099.	1.0	3
3	Genetic variants underlying differences in facial morphology in East Asian and European populations. <i>Nature Genetics</i> , 2022, 54, 403-411.	9.4	20
4	Disentangling Signatures of Selection Before and After European Colonization in Latin Americans. <i>Molecular Biology and Evolution</i> , 2022, 39, .	3.5	16
5	Clotting factor genes are associated with preeclampsia in high-altitude pregnant women in the Peruvian Andes. <i>American Journal of Human Genetics</i> , 2022, 109, 1117-1139.	2.6	10
6	Genome-wide mapping of brain phenotypes in extended pedigrees with strong genetic loading for bipolar disorder. <i>Molecular Psychiatry</i> , 2021, 26, 5229-5238.	4.1	4
7	Gallstones, Body Mass Index, C-reactive Protein, and Gallbladder Cancer: Mendelian Randomization Analysis of Chilean and European Genotype Data. <i>Hepatology</i> , 2021, 73, 1783-1796.	3.6	32
8	A GWAS in Latin Americans identifies novel face shape loci, implicating VPS13B and a Denisovan introgressed region in facial variation. <i>Science Advances</i> , 2021, 7, .	4.7	32
9	A genome-wide association study identifies novel gene associations with facial skin wrinkling and mole count in Latin Americans. <i>British Journal of Dermatology</i> , 2021, 185, 988-998.	1.4	11
10	The impact of socioeconomic and phenotypic traits on self-perception of ethnicity in Latin America. <i>Scientific Reports</i> , 2021, 11, 12617.	1.6	8
11	How natural selection shapes genetic differentiation in the MHC region: A case study with Native Americans. <i>Human Immunology</i> , 2021, 82, 523-531.	1.2	10
12	Prediction of eye, hair and skin colour in Latin Americans. <i>Forensic Science International: Genetics</i> , 2021, 53, 102517.	1.6	6
13	NNT mediates redox-dependent pigmentation via a UVB- and MITF-independent mechanism. <i>Cell</i> , 2021, 184, 4268-4283.e20.	13.5	35
14	Predicting haplogroups using a versatile machine learning program (PredYMaLe) on a new mutationally balanced 32 Y-STR multiplex (CombYplex): Unlocking the full potential of the human STR mutation rate spectrum to estimate forensic parameters. <i>Forensic Science International: Genetics</i> , 2020, 48, 102342.	1.6	7
15	The immunogenetic diversity of the HLA system in Mexico correlates with underlying population genetic structure. <i>Human Immunology</i> , 2020, 81, 461-474.	1.2	39
16	Native American ancestry significantly contributes to neuromyelitis optica susceptibility in the admixed Mexican population. <i>Scientific Reports</i> , 2020, 10, 13706.	1.6	18
17	Contribution of common and rare variants to bipolar disorder susceptibility in extended pedigrees from population isolates. <i>Translational Psychiatry</i> , 2020, 10, 74.	2.4	25
18	ABCB1/4 gallbladder cancer risk variants identified in India also show strong effects in Chileans. <i>Cancer Epidemiology</i> , 2020, 65, 101643.	0.8	9

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19	Demographic history and selection at HLA loci in Native Americans. <i>PLoS ONE</i> , 2020, 15, e0241282.	1.1	11
20	A GWAS in Latin Americans highlights the convergent evolution of lighter skin pigmentation in Eurasia. <i>Nature Communications</i> , 2019, 10, 358.	5.8	130
21	Obesity, genomic ancestry, and socioeconomic variables in Latin American mestizos. <i>American Journal of Human Biology</i> , 2019, 31, e23278.	0.8	14
22	Genetic components of human pain sensitivity: a protocol for a genome-wide association study of experimental pain in healthy volunteers. <i>BMJ Open</i> , 2019, 9, e025530.	0.8	17
23	Variation in dental morphology and inference of continental ancestry in admixed Latin Americans. <i>American Journal of Physical Anthropology</i> , 2019, 168, 438-447.	2.1	24
24	A geometric morphometric approach to the study of variation of shovel-shaped incisors. <i>American Journal of Physical Anthropology</i> , 2019, 168, 229-241.	2.1	6
25	Genetic contributors to serum uric acid levels in Mexicans and their effect on premature coronary artery disease. <i>International Journal of Cardiology</i> , 2019, 279, 168-173.	0.8	15
26	Novel genetic loci affecting facial shape variation in humans. <i>ELife</i> , 2019, 8, .	2.8	58
27	Developmental pathways inferred from modularity, morphological integration and fluctuating asymmetry patterns in the human face. <i>Scientific Reports</i> , 2018, 8, 963.	1.6	9
28	Meta-analysis of genome-wide association studies identifies 8 novel loci involved in shape variation of human head hair. <i>Human Molecular Genetics</i> , 2018, 27, 559-575.	1.4	51
29	RNASEH1 gene variants are associated with autoimmune type 1 diabetes in Colombia. <i>Journal of Endocrinological Investigation</i> , 2018, 41, 755-764.	1.8	4
30	Latin Americans show wide-spread Converso ancestry and imprint of local Native ancestry on physical appearance. <i>Nature Communications</i> , 2018, 9, 5388.	5.8	123
31	Genome-wide association studies and CRISPR/Cas9-mediated gene editing identify regulatory variants influencing eyebrow thickness in humans. <i>PLoS Genetics</i> , 2018, 14, e1007640.	1.5	20
32	Understanding the Hidden Complexity of Latin American Population Isolates. <i>American Journal of Human Genetics</i> , 2018, 103, 707-726.	2.6	48
33	Automatic ear detection and feature extraction using Geometric Morphometrics and convolutional neural networks. <i>IET Biometrics</i> , 2017, 6, 211-223.	1.6	40
34	Genome-wide Ancestry and Demographic History of African-Descendant Maroon Communities from French Guiana and Suriname. <i>American Journal of Human Genetics</i> , 2017, 101, 725-736.	2.6	50
35	The Genetic Diversity of the Americas. <i>Annual Review of Genomics and Human Genetics</i> , 2017, 18, 277-296.	2.5	71
36	Multiethnic GWAS Reveals Polygenic Architecture of Earlobe Attachment. <i>American Journal of Human Genetics</i> , 2017, 101, 913-924.	2.6	29

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37	Long-distance dispersal suppresses introgression of local alleles during range expansions. <i>Heredity</i> , 2017, 118, 135-142.	1.2	24
38	Socioeconomic Status Is Not Related with Facial Fluctuating Asymmetry: Evidence from Latin-American Populations. <i>PLoS ONE</i> , 2017, 12, e0169287.	1.1	17
39	Subtypes of Native American ancestry and leading causes of death: Mapuche ancestry-specific associations with gallbladder cancer risk in Chile. <i>PLoS Genetics</i> , 2017, 13, e1006756.	1.5	41
40	Ancestry variation and footprints of natural selection along the genome in Latin American populations. <i>Scientific Reports</i> , 2016, 6, 21766.	1.6	29
41	A genome-wide association scan in admixed Latin Americans identifies loci influencing facial and scalp hair features. <i>Nature Communications</i> , 2016, 7, 10815.	5.8	159
42	Admixture in Latin America. <i>Current Opinion in Genetics and Development</i> , 2016, 41, 106-114.	1.5	78
43	The Simons Genome Diversity Project: 300 genomes from 142 diverse populations. <i>Nature</i> , 2016, 538, 201-206.	13.7	1,216
44	A genome-wide association scan implicates DCHS2, RUNX2, GLI3, PAX1 and EDAR in human facial variation. <i>Nature Communications</i> , 2016, 7, 11616.	5.8	171
45	Genetic contributions to circadian activity rhythm and sleep pattern phenotypes in pedigrees segregating for severe bipolar disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E754-61.	3.3	77
46	Cross-Disorder Genome-Wide Analyses Suggest a Complex Genetic Relationship Between Tourette's Syndrome and OCD. <i>American Journal of Psychiatry</i> , 2015, 172, 82-93.	4.0	117
47	Facial asymmetry and genetic ancestry in Latin American admixed populations. <i>American Journal of Physical Anthropology</i> , 2015, 157, 58-70.	2.1	28
48	Global diversity, population stratification, and selection of human copy-number variation. <i>Science</i> , 2015, 349, aab3761.	6.0	293
49	A genome-wide association study identifies multiple loci for variation in human ear morphology. <i>Nature Communications</i> , 2015, 6, 7500.	5.8	80
50	Ocular and craniofacial phenotypes in a large Brazilian family with congenital aniridia. <i>Clinical Genetics</i> , 2015, 87, 68-73.	1.0	2
51	How Genes Have Illuminated the History of Early Americans and Latino Americans. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a008557.	2.3	12
52	Implications of the Admixture Process in Skin Color Molecular Assessment. <i>PLoS ONE</i> , 2014, 9, e96886.	1.1	22
53	Admixture in Latin America: Geographic Structure, Phenotypic Diversity and Self-Perception of Ancestry Based on 7,342 Individuals. <i>PLoS Genetics</i> , 2014, 10, e1004572.	1.5	350
54	Multisystem Component Phenotypes of Bipolar Disorder for Genetic Investigations of Extended Pedigrees. <i>JAMA Psychiatry</i> , 2014, 71, 375.	6.0	87

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55	Improved Calibration of the Human Mitochondrial Clock Using Ancient Genomes. <i>Molecular Biology and Evolution</i> , 2014, 31, 2780-2792.	3.5	99
56	Copy Number Variation in Obsessive-Compulsive Disorder and Tourette Syndrome: A Cross-Disorder Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2014, 53, 910-919.	0.3	111
57	African genetic ancestry is associated with a protective effect on Dengue severity in colombian populations. <i>Infection, Genetics and Evolution</i> , 2014, 27, 89-95.	1.0	32
58	Ancient human genomes suggest three ancestral populations for present-day Europeans. <i>Nature</i> , 2014, 513, 409-413.	13.7	1,179
59	The genetics of Mexico recapitulates Native American substructure and affects biomedical traits. <i>Science</i> , 2014, 344, 1280-1285.	6.0	420
60	Segregation of a haplotype encompassing <i>FEB1</i> with genetic epilepsy with febrile seizures plus in a Colombian family. <i>Epileptic Disorders</i> , 2013, 15, 128-131.	0.7	4
61	Genome-wide association study of Tourette's syndrome. <i>Molecular Psychiatry</i> , 2013, 18, 721-728.	4.1	161
62	Fibroblast growth factor receptor 1 ( <i>FGFR1</i> ) variants and craniofacial variation in Amerindians and related populations. <i>American Journal of Human Biology</i> , 2013, 25, 12-19.	0.8	12
63	Reconstructing Native American Migrations from Whole-Genome and Whole-Exome Data. <i>PLoS Genetics</i> , 2013, 9, e1004023.	1.5	185
64	Partitioning the Heritability of Tourette Syndrome and Obsessive Compulsive Disorder Reveals Differences in Genetic Architecture. <i>PLoS Genetics</i> , 2013, 9, e1003864.	1.5	241
65	CNV Analysis in Tourette Syndrome Implicates Large Genomic Rearrangements in <i>COL8A1</i> and <i>NRXN1</i> . <i>PLoS ONE</i> , 2013, 8, e59061.	1.1	70
66	Native American Admixture in the Quebec Founder Population. <i>PLoS ONE</i> , 2013, 8, e65507.	1.1	13
67	Evolutionary Responses to a Constructed Niche: Ancient Mesoamericans as a Model of Gene-Culture Coevolution. <i>PLoS ONE</i> , 2012, 7, e38862.	1.1	34
68	Dissecting the genetic make-up of North-East Sardinia using a large set of haploid and autosomal markers. <i>European Journal of Human Genetics</i> , 2012, 20, 956-964.	1.4	13
69	Reconstructing Native American population history. <i>Nature</i> , 2012, 488, 370-374.	13.7	699
70	Amerind Ancestry, Socioeconomic Status and the Genetics of Type 2 Diabetes in a Colombian Population. <i>PLoS ONE</i> , 2012, 7, e33570.	1.1	47
71	Exploring epistasis in candidate genes for antisocial personality disorder. <i>Psychiatric Genetics</i> , 2011, 21, 115-124.	0.6	26
72	X-chromosomal genetic diversity and linkage disequilibrium patterns in Amerindians and non-Amerindian populations. <i>American Journal of Human Biology</i> , 2011, 23, 299-304.	0.8	9

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73	Strong Association of Socioeconomic Status and Genetic Ancestry in Latinos: Implications for Admixture Studies of Type 2 Diabetes. , 2011, , 137-153.		5
74	Brief communication: Patterns of linkage disequilibrium and haplotype diversity at Xq13 in six Native American populations. American Journal of Physical Anthropology, 2010, 142, 476-480.	2.1	5
75	Association of DRD2 variants and Gilles de la Tourette syndrome in a family-based sample from a South American population isolate. Psychiatric Genetics, 2010, 20, 179-183.	0.6	32
76	Chromosome region 2p25 is linked and associated with type 1 diabetes in Colombia. Journal of Genetics, 2010, 89, 457-461.	0.4	3
77	Genetic make up and structure of Colombian populations by means of uniparental and biparental DNA markers. American Journal of Physical Anthropology, 2010, 143, 13-20.	2.1	140
78	Brief communication: Population data support the adaptive nature of HACNS1 sapiens/neandertalâ€chimpanzee differences in a limb expression domain. American Journal of Physical Anthropology, 2010, 143, 478-481.	2.1	8
79	Contrasting Patterns of Nuclear and mtDNA Diversity in Native American Populations. Annals of Human Genetics, 2010, 74, 525-538.	0.3	44
80	A Statistical Evaluation of Models for the Initial Settlement of the American Continent Emphasizes the Importance of Gene Flow with Asia. Molecular Biology and Evolution, 2010, 27, 337-345.	3.5	97
81	Genome-Wide Linkage Scan of Bipolar Disorder in a Colombian Population Isolate Replicates Loci on Chromosomes 7p21â€“22, 1p31, 16p12 and 21q21â€“22 and Identifies a Novel Locus on Chromosome 12q. Human Heredity, 2010, 70, 255-268.	0.4	25
82	A Gain-of-Function Mutation in TRPA1 Causes Familial Episodic Pain Syndrome. Neuron, 2010, 66, 671-680.	3.8	376
83	AsociaciÃ³n de variantes en genes de las proteÃ­nas desacoplantes con diabetes mellitus tipo 2 en una poblaciÃ³n del nordeste colombiano. Biomedica, 2009, 29, 108.	0.3	8
84	Evidence for a Role of the &lt;i>NOS1AP (CAPON)&lt;/i> Gene in Schizophrenia and Its Clinical Dimensions: An Association Study in a South American Population Isolate. Human Heredity, 2009, 67, 163-173.	0.4	31
85	A narrow and highly significant linkage signal for severe bipolar disorder in the chromosome 5q33 region in Latin American pedigrees. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2009, 150B, 998-1006.	1.1	5
86	Xâ€chromosome lineages and the settlement of the Americas. American Journal of Physical Anthropology, 2009, 140, 417-428.	2.1	12
87	African ancestry is associated with risk of asthma and high total serum IgE in a population from the Caribbean Coast of Colombia. Human Genetics, 2009, 125, 565-579.	1.8	62
88	Strong association of socioeconomic status with genetic ancestry in Latinos: implications for admixture studies of type 2 diabetes. Diabetologia, 2009, 52, 1528-1536.	2.9	80
89	Extensive founder effect for distal renal tubular acidosis (dRTA) with sensorineural deafness in an isolated South American population. American Journal of Medical Genetics, Part A, 2008, 146A, 2709-2712.	0.7	6
90	Geographic Patterns of Genome Admixture in Latin American Mestizos. PLoS Genetics, 2008, 4, e1000037.	1.5	377

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91	Discerning the Ancestry of European Americans in Genetic Association Studies. <i>PLoS Genetics</i> , 2008, 4, e236.	1.5	281
92	Genetic Variation and Population Structure in Native Americans. <i>PLoS Genetics</i> , 2007, 3, e185.	1.5	454
93	Pre- and Post-Columbian Gene and Cultural Continuity: The Case of the <i>Gaúcho</i> from Southern Brazil. <i>Human Heredity</i> , 2007, 64, 160-171.	0.4	55
94	A Genomewide Admixture Map for Latino Populations. <i>American Journal of Human Genetics</i> , 2007, 80, 1024-1036.	2.6	265
95	Demographic and evolutionary trajectories of the Guarani and Kaingang natives of Brazil. <i>American Journal of Physical Anthropology</i> , 2007, 132, 301-310.	2.1	86
96	Putative association of the carboxy-terminal PDZ ligand of neuronal nitric oxide synthase gene (CAPON) with schizophrenia in a Colombian population. <i>Schizophrenia Research</i> , 2006, 82, 283-285.	1.1	19
97	Admixture dynamics in Hispanics: A shift in the nuclear genetic ancestry of a South American population isolate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7234-7239.	3.3	221
98	Análisis de isonimia entre poblaciones del noroeste de Colombia. <i>Biomedica</i> , 2006, 26, 538.	0.3	17
99	Magnitude and distribution of linkage disequilibrium in population isolates and implications for genome-wide association studies. <i>Nature Genetics</i> , 2006, 38, 556-560.	9.4	227
100	Recessive distal renal tubular acidosis in Sarawak caused by AE1 mutations. <i>Pediatric Nephrology</i> , 2006, 21, 212-217.	0.9	28
101	A revertant of the major founder Native American haplogroup C common in populations from northern South America. <i>American Journal of Human Biology</i> , 2006, 18, 59-65.	0.8	30
102	Transmission distortion of BDNF variants to bipolar disorder type I patients from a south american population isolate. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2006, 141B, 435-439.	1.1	21
103	A genetic cluster of early onset Parkinson's disease in a Colombian population. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2006, 141B, 885-889.	1.1	20
104	Gain-of-function haplotypes in the vesicular monoamine transporter promoter are protective for Parkinson disease in women. <i>Human Molecular Genetics</i> , 2006, 15, 299-305.	1.4	97
105	Convergent linkage evidence from two Latin-American population isolates supports the presence of a susceptibility locus for bipolar disorder in 5q31. <i>Human Molecular Genetics</i> , 2006, 15, 3146-3153.	1.4	40
106	Natural selection and molecular evolution in primate PAX9 gene, a major determinant of tooth development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 5676-5681.	3.3	49
107	Heterogeneity of the genome ancestry of individuals classified as White in the State of Rio Grande do Sul, Brazil. <i>American Journal of Human Biology</i> , 2005, 17, 496-506.	0.8	90
108	A <i>CLN5</i> mutation causing an atypical neuronal ceroid lipofuscinosis of juvenile onset. <i>Neurology</i> , 2005, 64, 740-742.	1.5	49



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109	A novel SCN1A mutation associated with severe GEFS+ in a large South American pedigree. Seizure: the Journal of the British Epilepsy Association, 2005, 14, 123-128.	0.9	34
110	Ribeiro's typology, genomes, and Spanish colonialism, as viewed from Gran Canaria and Colombia. Genetics and Molecular Biology, 2004, 27, 01-08.	0.6	28
111	Juvenile Parkinson Disease and the C212Y Mutation of Parkin. Archives of Neurology, 2004, 61, 444.	4.9	4
112	Genetic demography of Antioquia (Colombia) and the Central Valley of Costa Rica. Human Genetics, 2003, 112, 534-541.	1.8	160
113	Y-Chromosome Evidence for Differing Ancient Demographic Histories in the Americas. American Journal of Human Genetics, 2003, 73, 524-539.	2.6	180
114	Abundant mtDNA Diversity and Ancestral Admixture in Colombian <i>criollo</i> Cattle ( <i>Bos Taurus</i> ). <i>Journal of Molecular Evolution</i> , 2004, 59, 10-23.	1.2	23
115	Mutations in FOXL2 underlying BPES (types 1 and 2) in Colombian families. American Journal of Medical Genetics Part A, 2002, 113, 47-51.	2.4	26
116	Y-chromosome biallelic polymorphisms and Native American population structure. Annals of Human Genetics, 2002, 66, 255-259.	0.3	39
117	Y-chromosome biallelic polymorphisms and Native American population structure. Annals of Human Genetics, 2002, 66, 255-9.	0.3	15
118	A novel Cys212Tyr founder mutation in parkin and allelic heterogeneity of juvenile Parkinsonism in a population from North West Colombia. Neuroscience Letters, 2001, 298, 87-90.	1.0	60
119	Y-chromosomes and Evolution. , 2001, , 16653-16657.		0
120	Autosomal, mtDNA, and Y-Chromosome Diversity in Amerinds: Pre- and Post-Columbian Patterns of Gene Flow in South America. American Journal of Human Genetics, 2000, 67, 1277-1286.	2.6	59
121	Strong Amerind/White Sex Bias and a Possible Sephardic Contribution among the Founders of a Population in Northwest Colombia. American Journal of Human Genetics, 2000, 67, 1287-1295.	2.6	157
122	An association study of bipolar mood disorder (type I) with the 5-HTTLPR serotonin transporter polymorphism in a human population isolate from Colombia. Neuroscience Letters, 2000, 292, 199-202.	1.0	78
123	Sickle Cell Anemia and $\beta$ -Globin Gene Cluster Haplotypes in Colombia. Hemoglobin, 2000, 24, 221-225.	0.4	16
124	Microsatellites provide evidence for Y chromosome diversity among the founders of the New World. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 6312-6317.	3.3	97
125	Clinical features of early-onset Alzheimer disease in a large kindred with an E280A presenilin-1 mutation. JAMA - Journal of the American Medical Association, 1997, 277, 793-9.	3.8	122
126	Geographic clustering of human Y-chromosome haplotypes. Annals of Human Genetics, 1996, 60, 401-408.	0.3	47



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127	Genetic absolute dating based on microsatellites and the origin of modern humans.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 6723-6727.	3.3	736
128	An evaluation of genetic distances for use with microsatellite loci.. Genetics, 1995, 139, 463-471.	1.2	820
129	High resolution of human evolutionary trees with polymorphic microsatellites. Nature, 1994, 368, 455-457.	13.7	1,700
130	Dinucleotide repeat polymorphism in the inter-feron-gamma (IFNG) gene. Human Molecular Genetics, 1993, 2, 1508-1508.	1.4	40
131	Secondary structure constraints on the evolution of Drosophila 28 S ribosomal RNA expansion segments. Journal of Molecular Biology, 1991, 219, 381-390.	2.0	58
132	The 15 amino acid residues preceding the amino terminus of the envelope protein in the yellow fever virus polyprotein precursor act as a signal peptide. Virus Research, 1990, 16, 59-75.	1.1	5
133	Modulations of their vitrotranslational efficiencies of Yellow Fever virus mRNAs: interactions between coding and noncoding regions. Nucleic Acids Research, 1989, 17, 2463-2476.	6.5	28
134	Processing of yellow fever virus polyprotein: role of cellular proteases in maturation of the structural proteins. Journal of Virology, 1989, 63, 4199-4209.	1.5	74