

# Rafael Montiel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1462105/publications.pdf>

Version: 2024-02-01

49  
papers

1,598  
citations

279487

23  
h-index

315357

38  
g-index

50  
all docs

50  
docs citations

50  
times ranked

2724  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gradual domestication of root traits in the earliest maize from Tehuacán. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2110245119.	3.3	8
2	Integration of chronological omics data reveals mitochondrial regulatory mechanisms during the development of hepatocellular carcinoma. <i>PLoS ONE</i> , 2021, 16, e0256016.	1.1	2
3	AMS Dates of New Maize Specimens Found in Rock Shelters of the Tehuacan Valley. <i>Radiocarbon</i> , 2018, 60, 975-987.	0.8	6
4	Genomic insights into <i>Mycobacterium simiae</i> human colonization. <i>Standards in Genomic Sciences</i> , 2018, 13, 1.	1.5	18
5	Dissecting mitochondrial dna variability of balearic populations from the bronze age to the current era. <i>American Journal of Human Biology</i> , 2017, 29, e22883.	0.8	6
6	Promoter Variant Alters Expression of the Autophagic BECN1 Gene: Implications for Clinical Manifestations of Machado-Joseph Disease. <i>Cerebellum</i> , 2017, 16, 957-963.	1.4	15
7	Signatures of co-evolutionary host-pathogen interactions in the genome of the entomopathogenic nematode <i>Steinernema carpocapsae</i> . <i>BMC Evolutionary Biology</i> , 2017, 17, 108.	3.2	1
8	Organellar Genomes from a ~45,000-Year-Old Archaeological Maize Sample Are Closely Related to NB Genotype. <i>Genome Biology and Evolution</i> , 2017, 9, 904-915.	1.1	7
9	The complete mitochondrial DNA sequence of the pantropical earthworm <i>Pontoscolex corethrurus</i> (Rhinodrilidae, Clitellata): Mitogenome characterization and phylogenetic positioning. <i>ZooKeys</i> , 2017, 688, 1-13.	0.5	7
10	The earliest maize from San Marcos Tehuacán is a partial domesticate with genomic evidence of inbreeding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14151-14156.	3.3	93
11	The genome, transcriptome, and proteome of the nematode <i>Steinernema carpocapsae</i> : evolutionary signatures of a pathogenic lifestyle. <i>Scientific Reports</i> , 2016, 6, 37536.	1.6	25
12	Genetic Evidence Supports the Multiethnic Character of Teopancazco, a Neighborhood Center of Teotihuacan, Mexico (AD 200-600). <i>PLoS ONE</i> , 2015, 10, e0132371.	1.1	20
13	Molecular analysis of ancient caries. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140586.	1.2	4
14	Sex Determination in Highly Fragmented Human DNA by High-Resolution Melting (HRM) Analysis. <i>PLoS ONE</i> , 2014, 9, e104629.	1.1	25
15	Transcript Diversity of Machado-Joseph Disease Gene (ATXN3) Is Not Directly Determined by SNPs in Exonic or Flanking Intronic Regions. <i>Journal of Molecular Neuroscience</i> , 2013, 49, 539-543.	1.1	3
16	Patterns of Mitochondrial DNA Damage in Blood and Brain Tissues of a Transgenic Mouse Model of Machado-Joseph Disease. <i>Neurodegenerative Diseases</i> , 2013, 11, 206-214.	0.8	55
17	Deep Sequencing of RNA from Ancient Maize Kernels. <i>PLoS ONE</i> , 2013, 8, e50961.	1.1	38
18	A Serpin Released by an Entomopathogen Impairs Clot Formation in Insect Defense System. <i>PLoS ONE</i> , 2013, 8, e69161.	1.1	40

#	ARTICLE	IF	CITATIONS
19	A Pathogenic Nematode Targets Recognition Proteins to Avoid Insect Defenses. PLoS ONE, 2013, 8, e75691.	1.1	41
20	Polar and brown bear genomes reveal ancient admixture and demographic footprints of past climate change. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2382-90.	3.3	310
21	Neonate Human Remains: A Window of Opportunity to the Molecular Study of Ancient Syphilis. PLoS ONE, 2012, 7, e36371.	1.1	28
22	Genetic diversity and comparative analysis of gene expression between Heterorhabditis bacteriophora Az29 and Az36 isolates: Uncovering candidate genes involved in insect pathogenicity. Experimental Parasitology, 2012, 130, 116-125.	0.5	13
23	Morphometry of the epidermis of an invasive megascolecid earthworm ( <i>Amyntas gracilis</i> , Kinberg) Tj ETQq1 1 0.784314 rgBT /Overbo Safety, 2011, 74, 25-32.	2.9	14
24	Nuclear insertions of mitochondrial origin: Database updating and usefulness in cancer studies. Mitochondrion, 2011, 11, 946-953.	1.6	43
25	Application and comparison of large-scale solution-based DNA capture-enrichment methods on ancient DNA. Scientific Reports, 2011, 1, 74.	1.6	106
26	Increased transcript diversity: novel splicing variants of Machado-Joseph Disease gene (ATXN3). Neurogenetics, 2010, 11, 193-202.	0.7	37
27	Endothelial nitric oxide synthase (eNOS) 894 G>T polymorphism is associated with breast cancer risk: a meta-analysis. Breast Cancer Research and Treatment, 2010, 124, 809-813.	1.1	25
28	Association between androgen receptor gene CAG repeat polymorphism and breast cancer risk: a meta-analysis. Breast Cancer Research and Treatment, 2010, 124, 815-820.	1.1	22
29	Transcripts analysis of the entomopathogenic nematode <i>Steinernema carpocapsae</i> induced in vitro with insect haemolymph. Molecular and Biochemical Parasitology, 2010, 169, 79-86.	0.5	35
30	The (CAG) <sub>n</sub> tract of Machado-Joseph Disease gene (ATXN3): a comparison between DNA and mRNA in patients and controls. European Journal of Human Genetics, 2010, 18, 621-623.	1.4	21
31	Serine Protease-mediated Host Invasion by the Parasitic Nematode <i>Steinernema carpocapsae</i> . Journal of Biological Chemistry, 2010, 285, 30666-30675.	1.6	41
32	Identification and expression analysis of the <i>Steinernema carpocapsae</i> elastase-like serine protease gene during the parasitic stage. Experimental Parasitology, 2009, 122, 51-60.	0.5	16
33	An apoptosis-inducing serine protease secreted by the entomopathogenic nematode <i>Steinernema carpocapsae</i> . International Journal for Parasitology, 2009, 39, 1319-1330.	1.3	58
34	Y-chromosome variation in South Iberia: Insights into the North African contribution. American Journal of Human Biology, 2009, 21, 407-409.	0.8	11
35	Segregation distortion of wild-type alleles at the Machado-Joseph disease locus: a study in normal families from the Azores islands (Portugal). Journal of Human Genetics, 2008, 53, 333-339.	1.1	25
36	Identification, characterization of functional candidate genes for host-parasite interactions in entomopathogenic nematode <i>Steinernema carpocapsae</i> by suppressive subtractive hybridization. Parasitology Research, 2008, 103, 671-683.	0.6	15

#	ARTICLE	IF	CITATIONS
37	Mutation patterns of mtDNA: Empirical inferences for the coding region. BMC Evolutionary Biology, 2008, 8, 167.	3.2	20
38	The African contribution to the present-day population of the Azores Islands (Portugal): Analysis of the Y chromosome haplogroup E. American Journal of Human Biology, 2007, 19, 854-860.	0.8	6
39	The Complete Mitochondrial Genome of the Entomopathogenic Nematode <i>Steinernema carpocapsae</i> : Insights into Nematode Mitochondrial DNA Evolution and Phylogeny. Journal of Molecular Evolution, 2006, 62, 211-225.	0.8	24
40	Polymorphism of the APOE Locus in the Azores Islands (Portugal). Human Biology, 2006, 78, 509-512.	0.4	4
41	Peopling of the Azore Islands (Portugal): Data from the Y Chromosome. Human Biology, 2005, 77, 189-199.	0.4	5
42	Understanding Differences Between Phylogenetic and Pedigree-Derived mtDNA Mutation Rate: A Model Using Families from the Azores Islands (Portugal). Molecular Biology and Evolution, 2005, 22, 1490-1505.	3.5	88
43	Population Genetics of Wild-Type CAG Repeats in the <i>Machado-Joseph Disease</i> Gene in Portugal. Human Heredity, 2005, 60, 156-163.	0.4	43
44	Occurrence and characterization of a nucleopolyhedrovirus from <i>Spodoptera littoralis</i> (Lepidoptera:). Tj ETQq0 0 0 rBT /Overlock 10 Tf 5	0.3	17
45	Analysis of Y-chromosome variability and its comparison with mtDNA variability reveals different demographic histories between islands in the Azores Archipelago (Portugal). Annals of Human Genetics, 2005, 69, 135-44.	0.3	10
46	Determination of Human European Mitochondrial DNA Haplogroups by Means of a Hierarchical Approach. Human Biology, 2004, 76, 431-453.	0.4	27
47	DNA sequences of <i>Mycobacterium lepra</i> recovered from ancient bones. FEMS Microbiology Letters, 2003, 226, 413-414.	0.7	30
48	Genetic Structure and Origin of Peopling in The Azores Islands (Portugal): The View from mtDNA. Annals of Human Genetics, 2003, 67, 433-456.	0.3	48
49	Authenticating Ancient Human Mitochondrial DNA. Human Biology, 2001, 73, 689-713.	0.4	41