

Ignacio Rego-PÃ©rez

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,234
citations

201674

27
h-index

223800

46
g-index

103
all docs

103
docs citations

103
times ranked

2669
citing authors

#	ARTICLE	IF	CITATIONS
1	Is osteoarthritis a mitochondrial disease? What is the evidence. <i>Current Opinion in Rheumatology</i> , 2022, 34, 46-53.	4.3	11
2	mtDNA haplogroup A enhances the effect of obesity on the risk of knee OA in a Mexican population. <i>Scientific Reports</i> , 2022, 12, 5173.	3.3	1
3	mtDNA variability determines spontaneous joint aging damage in a conplastic mouse model. <i>Aging</i> , 2022, 14, 5966-5983.	3.1	3
4	Relationship Between the Dynamics of Telomere Loss in Peripheral Blood Leukocytes From Knee Osteoarthritis Patients and Mitochondrial DNA Haplogroups. <i>Journal of Rheumatology</i> , 2021, 48, 1603-1607.	2.0	3
5	Mitochondrial DNA impact on joint damaged process in a conplastic mouse model after being surgically induced with osteoarthritis. <i>Scientific Reports</i> , 2021, 11, 9112.	3.3	6
6	Mitochondrial DNA from osteoarthritic patients drives functional impairment of mitochondrial activity: a study on transmitochondrial cybrids. <i>Cytotherapy</i> , 2021, 23, 399-410.	0.7	4
7	Oleate Prevents Palmitate-Induced Mitochondrial Dysfunction in Chondrocytes. <i>Frontiers in Physiology</i> , 2021, 12, 670753.	2.8	6
8	Design of a digitalâ€PCR assay to quantify fragmented human mitochondrial DNA. <i>Environmental and Molecular Mutagenesis</i> , 2021, 62, 364-373.	2.2	2
9	Association of accelerated dynamics of telomere sequence loss in peripheral blood leukocytes with incident knee osteoarthritis in Osteoarthritis Initiative cohort. <i>Scientific Reports</i> , 2021, 11, 15914.	3.3	3
10	A clinical model including protein biomarkers predicts radiographic knee osteoarthritis: a prospective study using data from the Osteoarthritis Initiative. <i>Osteoarthritis and Cartilage</i> , 2021, 29, 1147-1154.	1.3	11
11	Genetic biomarkers in osteoarthritis: a quick overview. <i>Faculty Reviews</i> , 2021, 10, 78.	3.9	1
12	Mitochondrial DNA in osteoarthritis disease. <i>Clinical Rheumatology</i> , 2020, 39, 3255-3259.	2.2	5
13	Mitochondrial Genetics and Epigenetics in Osteoarthritis. <i>Frontiers in Genetics</i> , 2020, 10, 1335.	2.3	21
14	Impaired Metabolic Flexibility in the Osteoarthritis Process: A Study on Transmitochondrial Cybrids. <i>Cells</i> , 2020, 9, 809.	4.1	13
15	Discovery of an autoantibody signature for the early diagnosis of knee osteoarthritis: data from the Osteoarthritis Initiative. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 1699-1705.	0.9	34
16	Predictive modeling of therapeutic response to chondroitin sulfate/glucosamine hydrochloride in knee osteoarthritis. <i>Therapeutic Advances in Chronic Disease</i> , 2019, 10, 204062231987001.	2.5	11
17	Differential Association of Mitochondrial DNA Haplogroups J and H With the Methylation Status of Articular Cartilage: Potential Role in Apoptosis and Metabolic and Developmental Processes. <i>Arthritis and Rheumatology</i> , 2019, 71, 1191-1200.	5.6	16
18	THU0413â€...MAJOR SUB-HAPLOGROUP H1 IS A RISK FACTOR FOR RAPIDLY PROGRESSIVE OSTEOARTHRITIS OF THE KNEE. DATA FROM THE OSTEOARTHRITIS INITIATIVE. , 2019, , .		0

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19	Mitochondrial DNA haplogroups influence the risk of aortic stenosis. <i>Asian Cardiovascular and Thoracic Annals</i> , 2019, 27, 5-10.	0.5	6
20	Leukocyte Telomere Length in Patients with Radiographic Knee Osteoarthritis. <i>Environmental and Molecular Mutagenesis</i> , 2019, 60, 298-301.	2.2	7
21	Mitochondrial DNA variation and the pathogenesis of osteoarthritis phenotypes. <i>Nature Reviews Rheumatology</i> , 2018, 14, 327-340.	8.0	112
22	What did we learn from "omics" studies in osteoarthritis. <i>Current Opinion in Rheumatology</i> , 2018, 30, 114-120.	4.3	15
23	Mitochondria and mitophagy: biosensors for cartilage degradation and osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 989-991.	1.3	39
24	Mitochondrial DNA haplogroups associated with MRI-detected structural damage in early knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 1562-1569.	1.3	14
25	Mitochondrial DNA haplogroups influence the risk of incident knee osteoarthritis in OAI and CHECK cohorts. A meta-analysis and functional study. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 1114-1122.	0.9	62
26	A replication study and meta-analysis of mitochondrial DNA variants in the radiographic progression of knee osteoarthritis. <i>Rheumatology</i> , 2017, 56, 263-270.	1.9	30
27	Plasma mitochondrial DNA levels are inversely associated with HIV-RNA levels and directly with CD4 counts: potential role as a biomarker of HIV replication. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 3159-3162.	3.0	12
28	Brief Report: European Mitochondrial Haplogroups Impact on Liver Fibrosis Progression Among HCV and HIV/HCV-Coinfected Patients From Northwest Spain. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2016, 73, 149-153.	2.1	1
29	Generating Rho-0 Cells Using Mesenchymal Stem Cell Lines. <i>PLoS ONE</i> , 2016, 11, e0164199.	2.5	27
30	Specific premature epigenetic aging of cartilage in osteoarthritis. <i>Aging</i> , 2016, 8, 2222-2231.	3.1	38
31	Mitochondrial DNA haplogroups modulate the radiographic progression of Spanish patients with osteoarthritis. <i>Rheumatology International</i> , 2015, 35, 337-344.	3.0	23
32	Editorial: Is It Time for Epigenetics in Osteoarthritis?. <i>Arthritis and Rheumatology</i> , 2014, 66, 2324-2327.	5.6	20
33	Genome-wide DNA methylation analysis of articular chondrocytes reveals a cluster of osteoarthritic patients. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 668-677.	0.9	141
34	mtDNA haplogroups and osteoarthritis in different geographic populations. <i>Mitochondrion</i> , 2014, 15, 18-23.	3.4	36
35	Mitochondrial DNA (mtDNA) Haplogroups Influence the Progression of Knee Osteoarthritis. Data from the Osteoarthritis Initiative (OAI). <i>PLoS ONE</i> , 2014, 9, e112735.	2.5	27
36	Mitochondrial respiratory chain dysfunction modulates metalloproteases -1, -3 and -13 in human normal chondrocytes in culture. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 235.	1.9	46

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37	Mitochondrial DNA haplogroup H as a risk factor for idiopathic dilated cardiomyopathy in Spanish population. <i>Mitochondrion</i> , 2013, 13, 263-268.	3.4	24
38	Mitochondrial genetics and osteoarthritis. <i>Frontiers in Bioscience - Scholar</i> , 2013, S5, 360-368.	2.1	17
39	Mitochondrial Haplogroups Define Two Phenotypes of Osteoarthritis. <i>Frontiers in Physiology</i> , 2012, 3, 129.	2.8	19
40	Mitochondrial Haplogroups H and J: Risk and Protective Factors for Ischemic Cardiomyopathy. <i>PLoS ONE</i> , 2012, 7, e44128.	2.5	45
41	The role of mitochondria in osteoarthritis. <i>Nature Reviews Rheumatology</i> , 2011, 7, 161-169.	8.0	371
42	mtDNA haplogroup J Modulates telomere length and Nitric Oxide production. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 283.	1.9	34
43	Insights into the genetic architecture of osteoarthritis from stage 1 of the arcOGEN study. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 864-867.	0.9	119
44	Decreased length of telomeric DNA sequences and increased numerical chromosome aberrations in human osteoarthritic chondrocytes. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 708, 50-58.	1.0	26
45	Mitochondrial DNA (mtDNA) haplogroups and serum levels of anti-oxidant enzymes in patients with osteoarthritis. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 264.	1.9	32
46	Mitochondrial DNA haplogroups and serum levels of proteolytic enzymes in patients with osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 646-652.	0.9	33
47	Association of Systemic Lupus Erythematosus Clinical Features with European Population Genetic Substructure. <i>PLoS ONE</i> , 2011, 6, e29033.	2.5	14
48	Common variations in estrogen-related genes are associated with severe large-joint osteoarthritis: a multicenter genetic and functional study. <i>Osteoarthritis and Cartilage</i> , 2010, 18, 927-933.	1.3	37
49	Differing patterns of peripheral blood leukocyte telomere length in rheumatologic diseases. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010, 683, 68-73.	1.0	32
50	Role of European mitochondrial DNA haplogroups in the prevalence of hip osteoarthritis in Galicia, Northern Spain. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 210-213.	0.9	71
51	Mitochondrial DNA haplogroups modulate the serum levels of biomarkers in patients with osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 910-917.	0.9	36
52	Influence of variants of Fcγ receptors IIA and IIIA on the American College of Rheumatology and European League Against Rheumatism responses to anti-tumour necrosis factor α therapy in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2009, 68, 1547-1552.	0.9	92
53	Proteomic analysis of human osteoarthritic chondrocytes reveals protein changes in stress and glycolysis. <i>Proteomics</i> , 2008, 8, 495-507.	2.2	108
54	Genetic variation including nonsynonymous polymorphisms of a major aggrecanase, ADAMTS-5, in susceptibility to osteoarthritis. <i>Arthritis and Rheumatism</i> , 2008, 58, 435-441.	6.7	38

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55	Mitochondrial DNA haplogroups: Role in the prevalence and severity of knee osteoarthritis. <i>Arthritis and Rheumatism</i> , 2008, 58, 2387-2396.	6.7	96
56	Genetics in Osteoarthritis. <i>Current Genomics</i> , 2008, 9, 542-547.	1.6	44
57	Gene Polymorphisms and Pharmacogenetics in Rheumatoid Arthritis. <i>Current Genomics</i> , 2008, 9, 381-393.	1.6	23
58	Opposed independent effects and epistasis in the complex association of IRF5 to SLE. <i>Genes and Immunity</i> , 2007, 8, 429-438.	4.1	58
59	PCR Technique for Identification of Mussel Species. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 1780-1784.	5.2	44
60	DNA content, karyotypes, and chromosomal location of 18S-5.8S-28S ribosomal loci in some species of bivalve molluscs from the Pacific Canadian coast. <i>Genome</i> , 2000, 43, 1065-1072.	2.0	8