

Jordi Casademont

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

99 papers	3,279 citations	32 h-index	54 g-index
120 ext. papers	3,713 ext. citations	3.7 avg, IF	4.63 L-index

#	Paper	IF	Citations
99	Carbon monoxide specifically inhibits cytochrome c oxidase of human mitochondrial respiratory chain. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2003 , 93, 142-6		158
98	Fibroblast growth factor 21 protects the heart from oxidative stress. <i>Cardiovascular Research</i> , 2015 , 106, 19-31	9.9	156
97	The effects of sepsis on mitochondria. <i>Journal of Infectious Diseases</i> , 2012 , 205, 392-400	7	155
96	Mitochondrial function in heart muscle from patients with idiopathic dilated cardiomyopathy. <i>Cardiovascular Research</i> , 2000 , 45, 860-5	9.9	150
95	Mitochondrial effects of HIV infection on the peripheral blood mononuclear cells of HIV-infected patients who were never treated with antiretrovirals. <i>Clinical Infectious Diseases</i> , 2004 , 39, 710-6	11.6	123
94	Reduced steady-state levels of mitochondrial RNA and increased mitochondrial DNA amount in human brain with aging. <i>Molecular Brain Research</i> , 1997 , 52, 284-9		120
93	Reversible inhibition of mitochondrial protein synthesis during linezolid-related hyperlactatemia. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 962-7	5.9	99
92	Smoking disturbs mitochondrial respiratory chain function and enhances lipid peroxidation on human circulating lymphocytes. <i>Carcinogenesis</i> , 1999 , 20, 1331-6	4.6	93
91	Biochemical parameters for the diagnosis of mitochondrial respiratory chain deficiency in humans, and their lack of age-related changes. <i>Biochemical Journal</i> , 1998 , 329 (Pt 2), 249-54	3.8	91
90	A strong initial systemic inflammatory response is associated with higher corticosteroid requirements and longer duration of therapy in patients with giant-cell arteritis. <i>Arthritis and Rheumatism</i> , 2002 , 47, 29-35		85
89	Absence of relationship between the level of electron transport chain activities and aging in human skeletal muscle. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 229, 536-9	3.4	85
88	The four horsemen of a viral Apocalypse: The pathogenesis of SARS-CoV-2 infection (COVID-19). <i>EBioMedicine</i> , 2020 , 58, 102887	8.8	78
87	Qualitative and quantitative changes in skeletal muscle mtDNA and expression of mitochondrial-encoded genes in the human aging process. <i>Biochemical and Molecular Medicine</i> , 1997 , 62, 165-71		72
86	Electron transport chain defects in heart failure. <i>Heart Failure Reviews</i> , 2002 , 7, 131-9	5	71
85	Mitochondrial involvement in antiretroviral therapy-related lipodystrophy. <i>Aids</i> , 2001 , 15, 1643-51	3.5	69
84	Mitochondrial cytochrome c oxidase inhibition during acute carbon monoxide poisoning. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1998 , 82, 199-202		68
83	Cytochrome c oxidase assay in minute amounts of human skeletal muscle using single wavelength spectrophotometers. <i>Journal of Neuroscience Methods</i> , 1998 , 80, 107-11	3	63

82	Human immunodeficiency virus type 1 infection and myopathy: clinical relevance of zidovudine therapy. <i>Annals of Neurology</i> , 1993 , 34, 206-11	9.4	61
81	Interferon-alpha may exacerbate cryoblobulinemia-related ischemic manifestations: an adverse effect potentially related to its anti-angiogenic activity. <i>Arthritis and Rheumatism</i> , 1999 , 42, 1051-5		58
80	Immunohistochemical characterization of inflammatory cells and immunologic activation markers in muscle and nerve biopsy specimens from patients with systemic polyarteritis nodosa. <i>Arthritis and Rheumatism</i> , 1994 , 37, 1055-61		58
79	Neuroleptic treatment effect on mitochondrial electron transport chain: peripheral blood mononuclear cells analysis in psychotic patients. <i>Journal of Clinical Psychopharmacology</i> , 2007 , 27, 284-8 ^{1.7}		57
78	Aging is associated with increased lipid peroxidation in human hearts, but not with mitochondrial respiratory chain enzyme defects. <i>Cardiovascular Research</i> , 2000 , 47, 624-31	9.9	56
77	Pneumonia treated in the internal medicine department: focus on healthcare-associated pneumonia. <i>Clinical Microbiology and Infection</i> , 2012 , 18, 786-94	9.5	52
76	Muscle involvement in rheumatoid arthritis: clinicopathological study of 21 symptomatic cases. <i>Seminars in Arthritis and Rheumatism</i> , 1996 , 25, 421-8	5.3	51
75	Upregulatory mechanisms compensate for mitochondrial DNA depletion in asymptomatic individuals receiving stavudine plus didanosine. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2004 , 37, 1550-5	3.1	47
74	Effects of general anaesthetic procedures on mitochondrial function of human skeletal muscle. <i>European Journal of Clinical Pharmacology</i> , 1999 , 55, 35-41	2.8	46
73	Mitochondrial Dna Depletion and Respiratory Chain Enzyme Deficiencies are Present in Peripheral Blood Mononuclear Cells of HIV-Infected Patients with Haart-Related Lipodystrophy. <i>Antiviral Therapy</i> , 2003 , 8, 333-338	1.6	44
72	Mitochondrial Effects of Antiretroviral Therapies in Asymptomatic Patients. <i>Antiviral Therapy</i> , 2004 , 9, 47-55	1.6	44
71	Is mitochondrial DNA depletion involved in Alzheimer's disease?. <i>European Journal of Human Genetics</i> , 2001 , 9, 279-85	5.3	40
70	Reversible inhibition of mitochondrial complex IV activity in PBMC following acute smoking. <i>European Respiratory Journal</i> , 2004 , 23, 214-8	13.6	39
69	Skeletal muscle studies in patients with HIV-related wasting syndrome. <i>Journal of the Neurological Sciences</i> , 1997 , 150, 153-9	3.2	32
68	Immunopathologic study of skin lesions in dermatomyositis. <i>Journal of the American Academy of Dermatology</i> , 1991 , 25, 225-30	4.5	32
67	Polymorphisms in genes involved in the mechanism of action of methotrexate: are they associated with outcome in rheumatoid arthritis patients?. <i>Pharmacogenomics</i> , 2014 , 15, 1079-90	2.6	31
66	Skeletal muscle mitochondrial function is preserved in young patients with chronic renal failure. <i>American Journal of Kidney Diseases</i> , 2002 , 39, 1025-31	7.4	30
65	Effect of smoking cessation on mitochondrial respiratory chain function. <i>Journal of Toxicology: Clinical Toxicology</i> , 2003 , 41, 223-8		30

64	Methotrexate pharmacokinetic genetic variants are associated with outcome in rheumatoid arthritis patients. <i>Pharmacogenomics</i> , 2016 , 17, 25-9	2.6	29
63	Biochemical and molecular effects of chronic haloperidol administration on brain and muscle mitochondria of rats. <i>Journal of Neuroscience Research</i> , 1998 , 53, 475-81	4.4	29
62	Clinical, histological and molecular reversibility of zidovudine myopathy. <i>Journal of the Neurological Sciences</i> , 1998 , 159, 226-8	3.2	29
61	Respiratory chain dysfunction associated with multiple mitochondrial DNA deletions in antiretroviral therapy-related lipodystrophy. <i>Aids</i> , 2000 , 14, 1855-7	3.5	26
60	Mitochondrial DNA Depletion in Oocytes of HIV-Infected Antiretroviral-Treated Infertile Women. <i>Antiviral Therapy</i> , 2008 , 13, 833-838	1.6	26
59	Cholinesterase inhibitor rivastigmine enhance the mitochondrial electron transport chain in lymphocytes of patients with Alzheimer's disease. <i>Journal of the Neurological Sciences</i> , 2003 , 206, 23-6	3.2	24
58	Oxidative damage on lymphocyte membranes is increased in patients suffering from acute carbon monoxide poisoning. <i>Toxicology Letters</i> , 1999 , 110, 219-23	4.4	24
57	Vacuolation of muscle fibers near sarcolemmal breaks represents T-tubule dilatation secondary to enhanced sodium pump activity. <i>Journal of Neuropathology and Experimental Neurology</i> , 1988 , 47, 618-28 ¹	3.1	24
56	Longitudinal study on mitochondrial effects of didanosine-tenofovir combination. <i>AIDS Research and Human Retroviruses</i> , 2006 , 22, 33-9	1.6	23
55	Endothelial cell activation in muscle biopsy samples is related to clinical severity in human cerebral malaria. <i>Journal of Infectious Diseases</i> , 1999 , 179, 475-83	7	23
54	Nationwide study on the use of intravascular catheters in internal medicine departments. <i>Journal of Hospital Infection</i> , 2015 , 90, 135-41	6.9	20
53	Association between nailfold capillaroscopy findings and pulmonary function tests in patients with systemic sclerosis. <i>Journal of Rheumatology</i> , 2015 , 42, 222-7	4.1	20
52	Short communication: reversible mitochondrial respiratory chain impairment during symptomatic hyperlactatemia associated with antiretroviral therapy. <i>AIDS Research and Human Retroviruses</i> , 2003 , 19, 1027-32	1.6	19
51	Lack of muscle toxicity with didanosine (ddI). Clinical and experimental studies. <i>Journal of the Neurological Sciences</i> , 1996 , 138, 42-8	3.2	18
50	Pulmonary Thrombosis or Embolism in a Large Cohort of Hospitalized Patients With Covid-19. <i>Frontiers in Medicine</i> , 2020 , 7, 557	4.9	18
49	Mitochondrial DNA depletion and respiratory chain enzyme deficiencies are present in peripheral blood mononuclear cells of HIV-infected patients with HAART-related lipodystrophy. <i>Antiviral Therapy</i> , 2003 , 8, 333-8	1.6	18
48	Core competencies in internal medicine. <i>European Journal of Internal Medicine</i> , 2012 , 23, 338-41	3.9	16
47	Heritability of bone mineral density in a multivariate family-based study. <i>Calcified Tissue International</i> , 2014 , 94, 590-6	3.9	15

46	Muscle angiogenic growth factor gene responses to exercise in chronic renal failure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001 , 281, R539-46	3.2	15
45	Mitochondrial effects of antiretroviral therapies in asymptomatic patients. <i>Antiviral Therapy</i> , 2004 , 9, 47-55	1.6	15
44	Hip fractures in the oldest old. Comparative study of centenarians and nonagenarians and mortality risk factors. <i>Injury</i> , 2018 , 49, 2198-2202	2.5	14
43	A genome-wide association study in the genetic analysis of idiopathic thrombophilia project suggests sex-specific regulation of mitochondrial DNA levels. <i>Mitochondrion</i> , 2014 , 18, 34-40	4.9	13
42	Venous thromboembolism prophylaxis in acutely ill hospitalized medical patients. A retrospective multicenter study. <i>European Journal of Internal Medicine</i> , 2014 , 25, 717-23	3.9	13
41	Sporadic heteroplasmic single 5.5 kb mitochondrial DNA deletion associated with cerebellar ataxia, hypogonadotropic hypogonadism, choroidal dystrophy, and mitochondrial respiratory chain complex I deficiency. <i>Human Mutation</i> , 1997 , 10, 212-6	4.7	13
40	Appropriateness of medications prescribed to elderly patients with advanced heart failure and limited life expectancy who died during hospitalization. <i>Drugs and Aging</i> , 2014 , 31, 541-6	4.7	12
39	Rituximab-induced interleukin-15 reduction associated with clinical improvement in rheumatoid arthritis. <i>Immunology</i> , 2014 , 142, 354-62	7.8	11
38	Current status of General Pathology training in Spain. <i>Revista Clinica Espanola</i> , 2013 , 213, 421-7	0.7	11
37	Sex-specific regulation of mitochondrial DNA levels: genome-wide linkage analysis to identify quantitative trait loci. <i>PLoS ONE</i> , 2012 , 7, e42711	3.7	11
36	Opioid Utilization and Perception of Pain Control in Hospitalized Patients: A Cross-Sectional Study of 11 Sites in 8 Countries. <i>Journal of Hospital Medicine</i> , 2019 , 14, 737-745	2.7	11
35	Effectiveness and safety of intravenous tocilizumab to treat COVID-19-associated hyperinflammatory syndrome: Covizumab-6 observational cohort. <i>Clinical Immunology</i> , 2021 , 223, 108639	9	11
34	Mitochondrial respiratory chain in brain homogenates: activities in different brain areas in patients with Alzheimer's disease. <i>Aging Clinical and Experimental Research</i> , 2005 , 17, 1-7	4.8	10
33	In Vivo Effects of Highly Active Antiretroviral Therapies Containing the Protease Inhibitor Nelfinavir on Mitochondrially Driven Apoptosis. <i>Antiviral Therapy</i> , 2005 , 10, 945-951	1.6	10
32	Adalimumab regulates intracellular TNF α production in patients with rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2014 , 16, R153	5.7	9
31	Peripheral neuropathy with ataxia in childhood as a result of the G8363A mutation in mitochondrial DNA. <i>Pediatric Research</i> , 2004 , 56, 55-9	3.2	9
30	Early T-cell features in blast crisis of Ph1-positive chronic myeloid leukaemia. <i>Scandinavian Journal of Haematology</i> , 1985 , 35, 71-6		8
29	Short communication: HIV infection, antiretrovirals, and apoptosis: studies on skeletal muscle. <i>AIDS Research and Human Retroviruses</i> , 2005 , 21, 702-5	1.6	8

28	Enzymatic diagnosis of oxidative phosphorylation defects on muscle biopsy: better on tissue homogenate or on a mitochondria-enriched suspension?. <i>Medical Science Monitor</i> , 2004 , 10, CS49-53	3.2	8
27	Linkage and association analyses using families identified a locus affecting an osteoporosis-related trait. <i>Bone</i> , 2014 , 60, 98-103	4.7	7
26	Noninvasive diagnosis of mitochondrial dysfunction in HAART-related hyperlactatemia. <i>Clinical Infectious Diseases</i> , 2006 , 42, 584-5	11.6	7
25	I591T MEFV mutation in a Spanish kindred: is it a mild mutation, a benign polymorphism, or a variant influenced by another modifier?. <i>Human Mutation</i> , 2002 , 20, 148-50	4.7	7
24	Streptococcal myositis as a complication of juvenile dermatomyositis. <i>Neuromuscular Disorders</i> , 1991 , 1, 375-7	2.9	7
23	Facing the SARS-CoV-2 (COVID-19) outbreak with IL-6R antagonists. <i>European Journal of Rheumatology</i> , 2020 , 7, S107-S109	1.7	7
22	Respiratory chain activity and mitochondrial DNA content of nonpurified and purified pancreatic islet cells. <i>Metabolism: Clinical and Experimental</i> , 1997 , 46, 984-7	12.7	6
21	Skeletal muscle mitochondrial function in polymyalgia rheumatica and in giant cell arteritis. <i>Rheumatology</i> , 1999 , 38, 568-71	3.9	4
20	Aging and muscle mitochondrial abnormalities. <i>Annals of Neurology</i> , 1995 , 38, 273-4	9.4	4
19	Mitochondrial Studies in Haart-Related Lipodystrophy: From Experimental Hypothesis to Clinical Findings. <i>Antiviral Therapy</i> , 2005 , 10, 73-81	1.6	4
18	Ability of physiological parameters versus clinical categories to predict mortality on admission to an internal medicine ward. <i>European Journal of Internal Medicine</i> , 2009 , 20, 636-9	3.9	3
17	Rituximab levels are associated with the B cell homeostasis but not with the clinical response in patients with rheumatoid arthritis. <i>European Journal of Rheumatology</i> , 2019 , 6, 81-84	1.7	3
16	Diagnosis of Mitochondrial Dysfunction in HIV-Infected Patients under Highly Active Antiretroviral Therapy: Possibilities beyond the Standard Procedures. <i>Antiviral Therapy</i> , 2005 , 10, 65-71	1.6	3
15	Scientific production and bibliometric impact of a representative group of Spanish internists with established research careers. <i>Revista Clinica Espanola</i> , 2015 , 215, 371-9	0.7	2
14	Acute mediastinitis as a rare complication of an infectious mononucleosis. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2018 , 36, 601-602	0.9	1
13	Hip Fractures in People Older Than 95 Years: Are Patients Without Age-Associated Illnesses Different?. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018 , 73, 1424-1428	6.4	1
12	Natriuretic Peptides: Consensus Call for Use. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2016 , 69, 817-8	0.7	1
11	Exploring correlation between bone metabolism markers and densitometric traits in extended families from Spain. <i>Bone</i> , 2016 , 90, 1-6	4.7	1

10	Heart Mitochondrial Respiratory Chain Complexes Are Functionally Unaffected in Heavy Ethanol Drinkers Without Cardiomyopathy. <i>Alcoholism: Clinical and Experimental Research</i> , 2000 , 24, 859-864	3.7	1
9	Effect of bosentan in pulmonary hypertension development in systemic sclerosis patients with digital ulcers. <i>PLoS ONE</i> , 2020 , 15, e0243651	3.7	1
8	Sarilumab (IL-6R antagonist) in critically ill patients with cytokine release syndrome by SARS-CoV2. <i>Medicine (United States)</i> , 2021 , 100, e25923	1.8	1
7	Genetic Contribution of Femoral Neck Bone Geometry to the Risk of Developing Osteoporosis: A Family-Based Study. <i>PLoS ONE</i> , 2016 , 11, e0154833	3.7	1
6	Characteristics and longevity of electronic citations in four leading biomedical journals in Spain. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2014 , 67, 837-43	0.7	
5	Diagnosis of mitochondrial dysfunction in HIV-infected patients under highly active antiretroviral therapy: possibilities beyond the standard procedures. <i>Antiviral Therapy</i> , 2005 , 10 Suppl 2, M65-71	1.6	
4	Effect of bosentan in pulmonary hypertension development in systemic sclerosis patients with digital ulcers 2020 , 15, e0243651		
3	Effect of bosentan in pulmonary hypertension development in systemic sclerosis patients with digital ulcers 2020 , 15, e0243651		
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