M Esther Gallardo

List of Publications by Year in Descending Order

52 papers	2,264 citations	22 h-index	47 g-index
55 ext. papers	2,467 ext. citations	5.7 avg, IF	4.09 L-index

#	Paper	IF	Citations
52	Hereditary Optic Neuropathies: Induced Pluripotent Stem Cell-Based 2D/3D Approaches. *Genes*, **2021**, 12,	4.2	3
51	Mitochondrial Dysfunction and Calcium Dysregulation in Leigh Syndrome Induced Pluripotent Stem Cell Derived Neurons. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	9
50	Generation of the iPSC line IISHDOi007-A from peripheral blood mononuclear cells from a patient with McArdle disease harbouring the mutation c.2392□T>□C; p.Trp798Arg. *Stem Cell Research*, **2020**, 49, 102108	1.6	
49	Derivation of a human DOA iPSC line, IISHDOi006-A, with a mutation in the ACO2 gene: c.1999G>A; p.Glu667Lys. *Stem Cell Research*, **2019**, 40, 101566	1.6	3
48	Derivation of an aged mouse induced pluripotent stem cell line, IISHDOi005-A. *Stem Cell Research*, **2019**, 36, 101418	1.6	0
47	iPSCs: A powerful tool for skeletal muscle tissue engineering. *Journal of Cellular and Molecular Medicine*, **2019**, 23, 3784-3794	5.6	30
46	The mutation m.13513G>A impairs cardiac function, favoring a neuroectoderm commitment, in a mutant-load dependent way. *Journal of Cellular Physiology*, **2019**, 234, 19511-19522	7	8
45	The Challenge of Bringing iPSCs to the Patient. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	26
44	Generation and characterization of two human iPSC lines from patients with methylmalonic acidemia cblB type. *Stem Cell Research*, **2018**, 29, 143-147	1.6	3
43	Generation of a human iPSC line, IISHDOi002-A, with a 46, XY/47, XYY mosaicism and belonging to an African mitochondrial haplogroup. *Stem Cell Research*, **2018**, 28, 131-135	1.6	0
42	Establishment of a human iPSC line, IISHDOi004-A, from a patient with Usher syndrome associated with the mutation c.2276G>T; p.Cys759Phe in the USH2A gene. *Stem Cell Research*, **2018**, 31, 152-156	1.6	1
41	Establishment of a human DOA 'plus' iPSC line, IISHDOi003-A, with the mutation in the OPA1 gene: c.1635C>A; p.Ser545Arg. *Stem Cell Research*, **2017**, 24, 81-84	1.6	5
40	Establishment of a human iPSC line (IISHDOi001-A) from a patient with McArdle disease. *Stem Cell Research*, **2017**, 23, 188-192	1.6	2
39	Generation of a human iPSC line from a patient with a mitochondrial encephalopathy due to mutations in the GFM1 gene. *Stem Cell Research*, **2016**, 16, 124-7	1.6	7
38	Generation of a human iPSC line from a patient with Leigh syndrome. *Stem Cell Research*, **2016**, 16, 63-6	1.6	17
37	Generation of a human iPSC line from a patient with an optic atrophy 'plus' phenotype due to a mutation in the OPA1 gene. *Stem Cell Research*, **2016**, 16, 673-6	1.6	7
36	Generation of a human iPSC line from a patient with Leigh syndrome caused by a mutation in the MT-ATP6 gene. *Stem Cell Research*, **2016**, 16, 766-9	1.6	8

35	iPSCs-based anti-aging therapies: Recent discoveries and future challenges. *Ageing Research Reviews*, **2016**, 27, 37-41	12	4
34	Generating Rho-0 Cells Using Mesenchymal Stem Cell Lines. *PLoS ONE*, **2016**, 11, e0164199	3.7	19
33	Reprogramming for Cardiac Regeneration-Strategies for Innovation. *Journal of Cellular Physiology*, **2016**, 231, 1849-51	7	3
32	IPSCs, a Promising Tool to Restore Muscle Atrophy. *Journal of Cellular Physiology*, **2016**, 231, 259-60	7	3
31	iPSCs, a Future Tool for Therapeutic Intervention in Mitochondrial Disorders: Pros and Cons. *Journal of Cellular Physiology*, **2016**, 231, 2317-8	7	5
30	Generation of a human iPSC line from a patient with a defect of intergenomic communication. *Stem Cell Research*, **2016**, 16, 120-3	1.6	5
29	Generation of a human control iPSC line with a European mitochondrial haplogroup U background. *Stem Cell Research*, **2016**, 16, 88-91	1.6	1
28	Enhanced tumorigenicity by mitochondrial DNA mild mutations. *Oncotarget*, **2015**, 6, 13628-43	3.3	36
27	Glutamyl-tRNAGln amidotransferase is essential for mammalian mitochondrial translation in vivo. *Biochemical Journal*, **2014**, 460, 91-101	3.8	20
26	The thyroid hormone receptor induces DNA damage and premature senescence. *Journal of Cell Biology*, **2014**, 204, 129-46	7.3	43
25	The pathogenicity scoring system for mitochondrial tRNA mutations revisited. *Molecular Genetics & Genomic Medicine*, **2014**, 2, 107-14	2.3	18
24	Co-occurrence of four nucleotide changes associated with an adult mitochondrial ataxia phenotype. *BMC Research Notes*, **2014**, 7, 883	2.3	4
23	Cardiac dysfunction in mitochondrial disease. Clinical and molecular features. *Circulation Journal*, **2013**, 77, 2799-806	2.9	5
22	Mitochondrial tRNA valine as a recurrent target for mutations involved in mitochondrial cardiomyopathies. *Mitochondrion*, **2012**, 12, 357-62	4.9	13
21	Mitochondrial haplogroups associated with end-stage heart failure and coronary allograft vasculopathy in heart transplant patients. *European Heart Journal*, **2012**, 33, 346-53	9.5	16
20	Genetic basis of end-stage hypertrophic cardiomyopathy. *European Journal of Heart Failure*, **2011**, 13, 1193-201	12.3	50
19	Evolution meets disease: penetrance and functional epistasis of mitochondrial tRNA mutations. *PLoS Genetics*, **2011**, 7, e1001379	6	48
18	MidA is a putative methyltransferase that is required for mitochondrial complex I function. *Journal of Cell Science*, **2010**, 123, 1674-83	5.3	47

17	Marked mitochondrial DNA depletion associated with a novel SUCLG1 gene mutation resulting in lethal neonatal acidosis, multi-organ failure, and interrupted aortic arch. *Mitochondrion*, **2010**, 10, 362-8	4.9	27
16	Coenzyme Q10 deficiency associated with a mitochondrial DNA depletion syndrome: a case report. *Clinical Biochemistry*, **2009**, 42, 742-5	3.5	21
15	OPA1 mutations induce mitochondrial DNA instability and optic atrophy 'plus' phenotypes. *Brain*, **2008**, 131, 338-51	11.2	394
14	Reply to Reactive oxygen species and the segregation of mtDNA sequence variants *Nature Genetics*, **2007**, 39, 572-572	36.3	
13	m.6267G>A: a recurrent mutation in the human mitochondrial DNA that reduces cytochrome c oxidase activity and is associated with tumors. *Human Mutation*, **2006**, 27, 575-82	4.7	46
12	Differences in reactive oxygen species production explain the phenotypes associated with common mouse mitochondrial DNA variants. *Nature Genetics*, **2006**, 38, 1261-8	36.3	271
11	Analysis of the developmental SIX6 homeobox gene in patients with anophthalmia/microphthalmia **2004**, 129A, 92-4		46
10	Prenatal detection of a cystic fibrosis mutation in fetal DNA from maternal plasma. *Prenatal Diagnosis*, **2002**, 22, 946-8	3.2	113
9	Alkaptonuria in the Dominican Republic: identification of the founder AKU mutation and further evidence of mutation hot spots in the HGO gene. *Journal of Medical Genetics*, **2002**, 39, E40	5.8	24
8	Clustering of missense mutations in the C-terminal region of factor H in atypical hemolytic uremic syndrome. *American Journal of Human Genetics*, **2001**, 68, 478-84	11	252
7	The molecular basis of 3-methylcrotonylglycinuria, a disorder of leucine catabolism. *American Journal of Human Genetics*, **2001**, 68, 334-46	11	55
6	Familial syndromic esophageal atresia maps to 2p23-p24. *American Journal of Human Genetics*, **2000** , 66, 436-44	11	29
5	A novel protein tyrosine phosphatase gene is mutated in progressive myoclonus epilepsy of the Lafora type (EPM2). *Human Molecular Genetics*, **1999**, 8, 345-52	5.6	164
4	Six9 (Optx2), a new member of the six gene family of transcription factors, is expressed at early stages of vertebrate ocular and pituitary development. *Mechanisms of Development*, **1999**, 83, 155-9	1.7	67
3	Genomic cloning, structure, expression pattern, and chromosomal location of the human SIX3 gene. *Genomics*, **1999**, 55, 100-5	4.3	32
2	Genomic cloning and characterization of the human homeobox gene SIX6 reveals a cluster of SIX genes in chromosome 14 and associates SIX6 hemizygosity with bilateral anophthalmia and pituitary anomalies. *Genomics*, **1999**, 61, 82-91	4.3	147
1	Designing recombinant Pseudomonas strains to enhance biodesulfurization. *Journal of Bacteriology* , **1997**, 179, 7156-60	3.5	101