Christina A Pacak

List of Publications by Year
in descending order

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38	1,069	567281 15	414414 32
papers	citations	h-index	g-index

38	38	38	1736
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A review of the underlying genetics and emerging therapies for canine cardiomyopathies. Journal of Veterinary Cardiology, 2022, 40, 2-14.	0.9	3
2	Myocardial glucose and fatty acid metabolism is altered and associated with lower cardiac function in young adults with Barth syndrome. Journal of Nuclear Cardiology, 2021, 28, 1649-1659.	2.1	21
3	Megf10 deficiency impairs skeletal muscle stem cell migration and muscle regeneration. FEBS Open Bio, 2021, 11, 114-123.	2.3	8
4	A form of muscular dystrophy associated with pathogenic variants in JAG2. American Journal of Human Genetics, 2021, 108, 840-856.	6.2	15
5	Bioprocessing of Human Mesenchymal Stem Cells: From Planar Culture to Microcarrier-Based Bioreactors. Bioengineering, 2021, 8, 96.	3.5	15
6	The End of the Beginning: The Journey to Molecular Therapies for Spinal Muscular Atrophy. Pediatric Neurology, 2020, 102, 1-2.	2.1	1
7	TMT Sample Preparation for Proteomics Facility Submission and Subsequent Data Analysis. Journal of Visualized Experiments, 2020, , .	0.3	2
8	Functional Consequences of PDK4 Deficiency in Doberman Pinscher Fibroblasts. Scientific Reports, 2020, 10, 3930.	3.3	10
9	Generation of Induced Pluripotent Stem Cells from a Female Patient with a Xq27.3-q28 Deletion to Establish Disease Models and Identify Therapies. Cellular Reprogramming, 2020, 22, 179-188.	0.9	3
10	The past, present, and future of modeling Cockayne Syndrome â€“ A commentary on â€œRat Model of Cockayne Syndrome Neurological Diseaseâ€• DNA Repair, 2020, 88, 102788.	2.8	3
11	Noninvasive Tracking of Implanted Cells: Superparamagnetic Iron Oxide Nanoparticles as a Long-Term, Multimodal Imaging Label. Methods in Molecular Biology, 2020, 2126, 167-175.	0.9	1
12	AAV-MediatedTAZGene Replacement Restores Mitochondrial and Cardioskeletal Function in Barth Syndrome. Human Gene Therapy, 2019, 30, 139-154.	2.7	40
13	Increased mtDNA Abundance and Improved Function in Human Barth Syndrome Patient Fibroblasts Following AAV-TAZ Gene Delivery. International Journal of Molecular Sciences, 2019, 20, 3416.	4.1	9
14	Identification of a pathogenic mutation in ATP2A1 via in silico analysis of exome data for cryptic aberrant splice sites. Molecular Genetics & Genomic Medicine, 2019, 7, e552.	1.2	9
15	AAV9-TAZ Gene Replacement Ameliorates Cardiac TMT Proteomic Profiles in a Mouse Model of Barth Syndrome. Molecular Therapy - Methods and Clinical Development, 2019, 13, 167-179.	4.1	17
16	Selective serotonin reuptake inhibitors ameliorate MEGF10 myopathy. Human Molecular Genetics, 2019, 28, 2365-2377.	2.9	7
17	Blunted fat oxidation upon submaximal exercise is partially compensated by enhanced glucose metabolism in children, adolescents, and young adults with Barth syndrome. Journal of Inherited Metabolic Disease, 2019, 42, 480-493.	3.6	24
18	Infiltrative and drugâ€resistant slowâ€cycling cells support metabolic heterogeneity in glioblastoma. EMBO Journal, 2018, 37, .	7.8	118

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19	Impact of PYROXD1 deficiency on cellular respiration and correlations with genetic analyses of limb-girdle muscular dystrophy in Saudi Arabia and Sudan. Physiological Genomics, 2018, 50, 929-939.	2.3	15
20	Consequences of MEGF10 deficiency on myoblast function and Notch1 interactions. Human Molecular Genetics, 2017, 26, 2984-3000.	2.9	30
21	Impaired cardiac and skeletal muscle bioenergetics in children, adolescents, and young adults with Barth syndrome. Physiological Reports, 2017, 5, e13130.	1.7	33
22	PDK4 Deficiency Induces Intrinsic Apoptosis in Response to Starvation in Fibroblasts from Doberman Pinschers with Dilated Cardiomyopathy. BioResearch Open Access, 2017, 6, 182-191.	2.6	10
23	Longitudinal Patterns of Thalidomide Neuropathy in Children and Adolescents. Journal of Pediatrics, 2016, 178, 227-232.	1.8	12
24	Transfer of Therapeutic Genes into Fetal Rhesus Monkeys Using Recombinant Adeno-Associated Type I Viral Vectors. Human Gene Therapy Clinical Development, 2016, 27, 152-159.	3.1	12
25	Actin-dependent mitochondrial internalization in cardiomyocytes: evidence for rescue of mitochondrial function. Biology Open, 2015, 4, 622-626.	1.2	125
26	18 F-labeled rhodamines as potential myocardial perfusion agents: comparison of pharmacokinetic properties of several rhodamines. Nuclear Medicine and Biology, 2015, 42, 796-803.	0.6	20
27	Superparamagnetic Iron Oxide Nanoparticles Function as a Long-Term, Multi-Modal Imaging Label for Non-Invasive Tracking of Implanted Progenitor Cells. PLoS ONE, 2014, 9, e108695.	2.5	14
28	Straightening of curved pattern of collagen fibers under load controls aortic valve shape. Journal of Biomechanics, 2014, 47, 341-346.	2.1	11
29	Silencing of drpr Leads to Muscle and Brain Degeneration in Adult Drosophila. American Journal of Pathology, 2014, 184, 2653-2661.	3.8	23
30	An Improved Method for the Preparation of Type I Collagen From Skin. Journal of Visualized Experiments, 2014, , e51011.	0.3	12
31	Rapid Isolation And Purification Of Mitochondria For Transplantation By Tissue Dissociation And Differential Filtration. Journal of Visualized Experiments, 2014, , e51682.	0.3	61
32	Growth of Bone Marrow and Skeletal Muscle Side Population Stem Cells in Suspension Culture. Methods in Molecular Biology, 2014, 1210, 51-61.	0.9	3
33	Microcarrier-Based Expansion of Adult Murine Side Population Stem Cells. PLoS ONE, 2013, 8, e55187.	2.5	4
34	Ultrarapid Purification of Collagen Type I for Tissue Engineering Applications. Tissue Engineering - Part C: Methods, 2011, 17, 879-885.	2.1	21
35	Fabrication of Myogenic Engineered Tissue Constructs. Journal of Visualized Experiments, 2009, , .	0.3	5
36	Tissue specific promoters improve specificity of AAV9 mediated transgene expression following intra-vascular gene delivery in neonatal mice. Genetic Vaccines and Therapy, 2008, 6, 13.	1.5	80

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37	Long-term Skeletal Muscle Protection After Gene Transfer in a Mouse Model of LGMD-2D. Molecular Therapy, 2007, 15, 1775-1781.	8.2	45
38	Genetic Fate of Recombinant Adeno-Associated Virus Vector Genomes in Muscle. Journal of Virology, 2003, 77, 3495-3504.	3.4	227