# Christina A Pacak

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5951214/publications.pdf

Version: 2024-02-01

| 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 | Genetic Fate of Recombinant Adeno-Associated Virus Vector Genomes in Muscle. Journal of Virology, 2003, 77, 3495-3504. | 3.4 | 227 |
| 2 | Actin-dependent mitochondrial internalization in cardiomyocytes: evidence for rescue of mitochondrial function. Biology Open, 2015, 4, 622-626. | 1.2 | 125 |
| 3 | Infiltrative and drugâ€resistant slowâ€cycling cells support metabolic heterogeneity in glioblastoma. EMBO Journal, 2018, 37, . | 7.8 | 118 |
| 4 | 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 |
| 5 | Rapid Isolation And Purification Of Mitochondria For Transplantation By Tissue Dissociation And Differential Filtration. Journal of Visualized Experiments, 2014, , e51682. | 0.3 | 61 |
| 6 | Long-term Skeletal Muscle Protection After Gene Transfer in a Mouse Model of LGMD-2D. Molecular Therapy, 2007, 15, 1775-1781. | 8.2 | 45 |
| 7 | AAV-MediatedTAZGene Replacement Restores Mitochondrial and Cardioskeletal Function in Barth Syndrome. Human Gene Therapy, 2019, 30, 139-154. | 2.7 | 40 |
| 8 | Impaired cardiac and skeletal muscle bioenergetics in children, adolescents, and young adults with Barth syndrome. Physiological Reports, 2017, 5, e13130. | 1.7 | 33 |
| 9 | Consequences of MEGF10 deficiency on myoblast function and Notch1 interactions. Human Molecular Genetics, 2017, 26, 2984-3000. | 2.9 | 30 |
| 10 | 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 |
| 11 | Silencing of drpr Leads to Muscle and Brain Degeneration in Adult Drosophila. American Journal of Pathology, 2014, 184, 2653-2661. | 3.8 | 23 |
| 12 | Ultrarapid Purification of Collagen Type I for Tissue Engineering Applications. Tissue Engineering - Part C: Methods, 2011, 17, 879-885. | 2.1 | 21 |
| 13 | 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 |
| 14 | 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 |
| 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 | 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 |
| 17 | A form of muscular dystrophy associated with pathogenic variants in JAG2. American Journal of Human Genetics, 2021, 108, 840-856. | 6.2 | 15 |
| 18 | Bioprocessing of Human Mesenchymal Stem Cells: From Planar Culture to Microcarrier-Based Bioreactors. Bioengineering, 2021, 8, 96. | 3.5 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | An Improved Method for the Preparation of Type I Collagen From Skin. Journal of Visualized Experiments, 2014, , e51011. | 0.3 | 12 |
| 21 | Longitudinal Patterns of Thalidomide Neuropathy in Children and Adolescents. Journal of Pediatrics, 2016, 178, 227-232. | 1.8 | 12 |
| 22 | 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 |
| 23 | Straightening of curved pattern of collagen fibers under load controls aortic valve shape. Journal of Biomechanics, 2014, 47, 341-346. | 2.1 | 11 |
| 24 | 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 |
| 25 | Functional Consequences of PDK4 Deficiency in Doberman Pinscher Fibroblasts. Scientific Reports, 2020, 10, 3930. | 3.3 | 10 |
| 26 | 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 |
| 27 | 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 |
| 28 | Megf10 deficiency impairs skeletal muscle stem cell migration and muscle regeneration. FEBS Open Bio, 2021, 11, 114-123. | 2.3 | 8 |
| 29 | Selective serotonin reuptake inhibitors ameliorate MEGF10 myopathy. Human Molecular Genetics, 2019, 28, 2365-2377. | 2.9 | 7 |
| 30 | Fabrication of Myogenic Engineered Tissue Constructs. Journal of Visualized Experiments, 2009, , . | 0.3 | 5 |
| 31 | Microcarrier-Based Expansion of Adult Murine Side Population Stem Cells. PLoS ONE, 2013, 8, e55187. | 2.5 | 4 |
| 32 | 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 |
| 33 | 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 |
| 34 | A review of the underlying genetics and emerging therapies for canine cardiomyopathies. Journal of Veterinary Cardiology, 2022, 40, 2-14. | 0.9 | 3 |
| 35 | 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 |
| 36 | TMT Sample Preparation for Proteomics Facility Submission and Subsequent Data Analysis. Journal of Visualized Experiments, 2020, , . | 0.3 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | The End of the Beginning: The Journey to Molecular Therapies for Spinal Muscular Atrophy. Pediatric Neurology, 2020, 102, 1-2. | 2.1 | 1 |
| 38 | 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 |