

Jukka Kallijarvi

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,222
citations

471371

17
h-index

434063

31
g-index

32
all docs

32
docs citations

32
times ranked

2920
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A sensitive assay for dNTPs based on long synthetic oligonucleotides, EvaGreen dye and inhibitor-resistant high-fidelity DNA polymerase. <i>Nucleic Acids Research</i> , 2020, 48, e87-e87. | 6.5 | 446 |
| 2 | TRIM37 defective in mulibrey nanism is a novel RING finger ubiquitin E3 ligase. <i>Experimental Cell Research</i> , 2005, 308, 146-155. | 1.2 | 81 |
| 3 | The TRIM37 Gene Encodes a Peroxisomal RING-B-Box-Coiled-Coil Protein: Classification of Mulibrey Nanism as a New Peroxisomal Disorder. <i>American Journal of Human Genetics</i> , 2002, 70, 1215-1228. | 2.6 | 67 |
| 4 | Alternative oxidase-mediated respiration prevents lethal mitochondrial cardiomyopathy. <i>EMBO Molecular Medicine</i> , 2019, 11, . | 3.3 | 53 |
| 5 | Exploring the Conserved Role of MANF in the Unfolded Protein Response in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2016, 11, e0151550. | 1.1 | 49 |
| 6 | The mitochondrial coenzyme Q junction and complex III: biochemistry and pathophysiology. <i>FEBS Journal</i> , 2022, 289, 6936-6958. | 2.2 | 43 |
| 7 | RNAi screening for kinases and phosphatases identifies FoxO regulators. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14873-14878. | 3.3 | 40 |
| 8 | Characterization of the Structural and Functional Determinants of MANF/CDNF in <i>Drosophila</i> In Vivo Model. <i>PLoS ONE</i> , 2013, 8, e73928. | 1.1 | 37 |
| 9 | Novel mutations in the TRIM37 gene in Mulibrey Nanism. <i>Human Mutation</i> , 2004, 23, 522-522. | 1.1 | 34 |
| 10 | Insulin Resistance Syndrome in Subjects With Mutated RING Finger Protein TRIM37. <i>Diabetes</i> , 2005, 54, 3577-3581. | 0.3 | 30 |
| 11 | Amphotericin B includes a sequence motif which is homologous to the Alzheimer's A β -amyloid peptide (A β), forms amyloid fibrils in vitro, and binds avidly to A β . <i>Biochemistry</i> , 2001, 40, 10032-10037. | 1.2 | 29 |
| 12 | Ketogenic diet attenuates hepatopathy in mouse model of respiratory chain complex III deficiency caused by a Bcs1l mutation. <i>Scientific Reports</i> , 2017, 7, 957. | 1.6 | 27 |
| 13 | Ret receptor tyrosine kinase sustains proliferation and tissue maturation in intestinal epithelia. <i>EMBO Journal</i> , 2017, 36, 3029-3045. | 3.5 | 27 |
| 14 | Apolipoprotein E includes a binding site which is recognized by several amyloidogenic polypeptides. <i>Biochemical Journal</i> , 2000, 349, 77. | 1.7 | 26 |
| 15 | Wilms' tumor and novel TRIM37 mutations in an Australian patient with mulibrey nanism. <i>Clinical Genetics</i> , 2006, 70, 473-479. | 1.0 | 25 |
| 16 | Suppression of RNAi by dsRNA-Degrading RNaseIII Enzymes of Viruses in Animals and Plants. <i>PLoS Pathogens</i> , 2015, 11, e1004711. | 2.1 | 22 |
| 17 | Respiratory chain complex III deficiency due to mutated BCS1L: a novel phenotype with encephalomyopathy, partially phenocopied in a Bcs1l mutant mouse model. <i>Orphanet Journal of Rare Diseases</i> , 2017, 12, 73. | 1.2 | 20 |
| 18 | COX7A2L/SCAF1 and Pre-Complex III Modify Respiratory Chain Supercomplex Formation in Different Mouse Strains with a Bcs1l Mutation. <i>PLoS ONE</i> , 2016, 11, e0168774. | 1.1 | 19 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | NAD ⁺ repletion produces no therapeutic effect in mice with respiratory chain complex III deficiency and chronic energy deprivation. <i>FASEB Journal</i> , 2018, 32, 5913-5926. | 0.2 | 18 |
| 20 | A spontaneous mitonuclear epistasis converging on Rieske Fe-S protein exacerbates complex III deficiency in mice. <i>Nature Communications</i> , 2020, 11, 322. | 5.8 | 17 |
| 21 | Tissue expression of the mulibrey nanism-associated Trim37 protein in embryonic and adult mouse tissues. <i>Histochemistry and Cell Biology</i> , 2006, 126, 325-334. | 0.8 | 16 |
| 22 | Gynecological tumors in Mulibrey nanism and role for RING finger protein TRIM37 in the pathogenesis of ovarian fibrothecomas. <i>Modern Pathology</i> , 2009, 22, 570-578. | 2.9 | 16 |
| 23 | Characterisation of the mulibrey nanism-associated TRIM37 gene: Transcription initiation, promoter region and alternative splicing. <i>Gene</i> , 2006, 366, 180-188. | 1.0 | 14 |
| 24 | Zebrafish GDNF and its co-receptor GFR α 1 activate the human RET receptor and promote the survival of dopaminergic neurons in vitro. <i>PLoS ONE</i> , 2017, 12, e0176166. | 1.1 | 14 |
| 25 | Characterization of Drosophila GDNF Receptor-Like and Evidence for Its Evolutionarily Conserved Interaction with Neural Cell Adhesion Molecule (NCAM)/FasII. <i>PLoS ONE</i> , 2012, 7, e51997. | 1.1 | 11 |
| 26 | Effect of High-Carbohydrate Diet on Plasma Metabolome in Mice with Mitochondrial Respiratory Chain Complex III Deficiency. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1824. | 1.8 | 11 |
| 27 | Fasting reveals largely intact systemic lipid mobilization mechanisms in respiratory chain complex III deficient mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165573. | 1.8 | 9 |
| 28 | A mouse model of mitochondrial complex III dysfunction induced by myxothiazol. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 1079-1084. | 1.0 | 8 |
| 29 | Severe neonatal MEGDHEL syndrome with a homozygous truncating mutation in SERAC1. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166298. | 1.8 | 5 |
| 30 | Rapamycin “One size does not fit all”. <i>EBioMedicine</i> , 2019, 42, 30-31. | 2.7 | 4 |
| 31 | Mulibrey Nanism - a Novel Peroxisomal Disorder. <i>Advances in Experimental Medicine and Biology</i> , 2003, 544, 31-37. | 0.8 | 4 |