Jukka Kallijarvi

List of Publications by Year
in descending order

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Version: 2024-02-01

31	1,222	471371	434063
papers	citations	17 h-index	31 g-index

32	32	32	2920
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The mitochondrial coenzyme Q junction and complex III: biochemistry and pathophysiology. FEBS Journal, 2022, 289, 6936-6958.	2.2	43
2	Severe neonatal MEGDHEL syndrome with a homozygous truncating mutation in SERAC1. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166298.	1.8	5
3	Fasting reveals largely intact systemic lipid mobilization mechanisms in respiratory chain complex III deficient mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165573.	1.8	9
4	A sensitive assay for dNTPs based on long syntheticÂoligonucleotides, EvaGreen dye and inhibitor-resistant high-fidelity DNA polymerase. Nucleic Acids Research, 2020, 48, e87-e87.	6.5	446
5	A spontaneous mitonuclear epistasis converging on Rieske Fe-S protein exacerbates complex III deficiency in mice. Nature Communications, 2020, 11, 322.	5.8	17
6	Rapamycin â€“ â€œOne size does not fit allâ€• EBioMedicine, 2019, 42, 30-31.	2.7	4
7	Alternative oxidaseâ€mediated respiration prevents lethal mitochondrial cardiomyopathy. EMBO Molecular Medicine, 2019, 11, .	3.3	53
8	NAD ⁺ repletion produces no therapeutic effect in mice with respiratory chain complex III deficiency and chronic energy deprivation. FASEB Journal, 2018, 32, 5913-5926.	0.2	18
9	Ketogenic diet attenuates hepatopathy in mouse model of respiratory chain complex III deficiency caused by a Bcs1l mutation. Scientific Reports, 2017, 7, 957.	1.6	27
10	Ret receptor tyrosine kinase sustains proliferation and tissue maturation in intestinal epithelia. EMBO Journal, 2017, 36, 3029-3045.	3.5	27
11	Respiratory chain complex III deficiency due to mutated BCS1L: a novel phenotype with encephalomyopathy, partially phenocopied in a Bcs1l mutant mouse model. Orphanet Journal of Rare Diseases, 2017, 12, 73.	1.2	20
12	Zebrafish GDNF and its co-receptor GFRÎ±1 activate the human RET receptor and promote the survival of dopaminergic neurons in vitro. PLoS ONE, 2017, 12, e0176166.	1.1	14
13	Effect of High-Carbohydrate Diet on Plasma Metabolome in Mice with Mitochondrial Respiratory Chain Complex III Deficiency. International Journal of Molecular Sciences, 2016, 17, 1824.	1.8	11
14	Exploring the Conserved Role of MANF in the Unfolded Protein Response in Drosophila melanogaster. PLoS ONE, 2016, 11, e0151550.	1.1	49
15	COX7A2L/SCAFI and Pre-Complex III Modify Respiratory Chain Supercomplex Formation in Different Mouse Strains with a Bcs1l Mutation. PLoS ONE, 2016, 11, e0168774.	1.1	19
16	Suppression of RNAi by dsRNA-Degrading RNaseIII Enzymes of Viruses in Animals and Plants. PLoS Pathogens, 2015, 11, e1004711.	2.1	22
17	A mouse model of mitochondrial complex III dysfunction induced by myxothiazol. Biochemical and Biophysical Research Communications, 2014, 446, 1079-1084.	1.0	8
18	Characterization of the Structural and Functional Determinants of MANF/CDNF in Drosophila In Vivo Model. PLoS ONE, 2013, 8, e73928.	1.1	37

#	Article	IF	Citations
19	Characterization of Drosophila GDNF Receptor-Like and Evidence for Its Evolutionarily Conserved Interaction with Neural Cell Adhesion Molecule (NCAM)/FasII. PLoS ONE, 2012, 7, e51997.	1.1	11
20	Gynecological tumors in Mulibrey nanism and role for RING finger protein TRIM37 in the pathogenesis of ovarian fibrothecomas. Modern Pathology, 2009, 22, 570-578.	2.9	16
21	RNAi screening for kinases and phosphatases identifies FoxO regulators. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14873-14878.	3.3	40
22	Characterisation of the mulibrey nanism-associated TRIM37 gene: Transcription initiation, promoter region and alternative splicing. Gene, 2006, 366, 180-188.	1.0	14
23	Wilmsâ€™ tumor and novel TRIM37 mutations in an Australian patient with mulibrey nanism. Clinical Genetics, 2006, 70, 473-479.	1.0	25
24	Tissue expression of the mulibrey nanism-associated Trim37 protein in embryonic and adult mouse tissues. Histochemistry and Cell Biology, 2006, 126, 325-334.	0.8	16
25	Insulin Resistance Syndrome in Subjects With Mutated RING Finger Protein TRIM37. Diabetes, 2005, 54, 3577-3581.	0.3	30
26	TRIM37 defective in mulibrey nanism is a novel RING finger ubiquitin E3 ligase. Experimental Cell Research, 2005, 308, 146-155.	1.2	81
27	Novel mutations in theTRIM37gene in Mulibrey Nanism. Human Mutation, 2004, 23, 522-522.	1.1	34
28	Mulibrey Nanism - a Novel Peroxisomal Disorder. Advances in Experimental Medicine and Biology, 2003, 544, 31-37.	0.8	4
29	The TRIM37 Gene Encodes a Peroxisomal RING-B-Box-Coiled-Coil Protein: Classification of Mulibrey Nanism as a New Peroxisomal Disorder. American Journal of Human Genetics, 2002, 70, 1215-1228.	2.6	67
30	Amphoterin Includes a Sequence Motif Which Is Homologous to the Alzheimer's Î²-Amyloid Peptide (AÎ²), Forms Amyloid Fibrils in Vitro, and Binds Avidly to AÎ²â€. Biochemistry, 2001, 40, 10032-10037.	1.2	29
31	Apolipoprotein E includes a binding site which is recognized by several amyloidogenic polypeptides. Biochemical Journal, 2000, 349, 77.	1.7	26