Janne Markus Toivonen

List of Publications by Year
in descending order

37 papers	3,642 citations	393982 19 h-index	329751 37 g-index
37 all docs	37 docs citations	37 times ranked	5167 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td	4.3	1,430
2	Mechanisms of Life Span Extension by Rapamycin in the Fruit Fly Drosophila melanogaster. Cell Metabolism, 2010, 11, 35-46.	7.2	896
3	In Vivo Functional Analysis of the Human Mitochondrial DNA Polymerase POLG Expressed in Cultured Human Cells. Journal of Biological Chemistry, 2000, 275, 24818-24828.	1.6	166
4	MicroRNA-206: A Potential Circulating Biomarker Candidate for Amyotrophic Lateral Sclerosis. PLoS ONE, 2014, 9, e89065.	1.1	154
5	Endocrine regulation of aging and reproduction in Drosophila. Molecular and Cellular Endocrinology, 2009, 299, 39-50.	1.6	152
6	No Influence of Indy on Lifespan in Drosophila after Correction for Genetic and Cytoplasmic Background Effects. PLoS Genetics, 2007, 3, e95.	1.5	95
7	<i>technical knockout</i>, a Drosophila Model of Mitochondrial Deafness. Genetics, 2001, 159, 241-254.	1.2	88
8	Competing Endogenous RNA Networks as Biomarkers in Neurodegenerative Diseases. International Journal of Molecular Sciences, 2020, 21, 9582.	1.8	73
9	Tetanus Toxin C-Fragment: The Courier and the Cure?. Toxins, 2010, 2, 2622-2644.	1.5	49
10	Nuclear hormone receptor DHR96 mediates the resistance to xenobiotics but not the increased lifespan of insulin-mutant <i>Drosophila</i>. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1321-1326.	3.3	46
11	Fine-tuning autophagy maximises lifespan and is associated with changes in mitochondrial gene expression in Drosophila. PLoS Genetics, 2020, 16, e1009083.	1.5	43
12	Sex, fiber-type, and age dependent in vitro proliferation of mouse muscle satellite cells. Journal of Cellular Biochemistry, 2011, 112, 2825-2836.	1.2	41
13	Altered Expression of Myogenic Regulatory Factors in the Mouse Model of Amyotrophic Lateral Sclerosis. Neurodegenerative Diseases, 2011, 8, 386-396.	0.8	39
14	Altered in vitro Proliferation of Mouse SOD1-G93A Skeletal Muscle Satellite Cells. Neurodegenerative Diseases, 2013, 11, 153-164.	0.8	35
15	Modelling in Escherichia coli of mutations in mitoribosomal protein S12: novel mutant phenotypes of rpsL. Molecular Microbiology, 1999, 31, 1735-1746.	1.2	33
16	Mitochondrial disease in flies. Biochimica Et Biophysica Acta - Bioenergetics, 2004, 1659, 190-196.	0.5	26
17	Expression of the Gene for Mitoribosomal Protein S12 Is Controlled in Human Cells at the Levels of Transcription, RNA Splicing, and Translation. Journal of Biological Chemistry, 1999, 274, 31853-31862.	1.6	24
18	Expression of human uncoupling protein-3 in Drosophila insulin-producing cells increases insulin-like peptide (DILP) levels and shortens lifespan. Experimental Gerontology, 2009, 44, 316-327.	1.2	23

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19	Dysregulation of autophagy in the central nervous system of sheep naturally infected with classical scrapie. Scientific Reports, 2019, 9, 1911.	1.6	21
20	Increased circulating microRNAs miR-342-3p and miR-21-5p in natural sheep prion disease. Journal of General Virology, 2017, 98, 305-310.	1.3	21
21	Gene dosage and selective expression modify phenotype in a Drosophila model of human mitochondrial disease. Mitochondrion, 2003, 3, 83-96.	1.6	19
22	What skeletal muscle has to say in amyotrophic lateral sclerosis: Implications for therapy. British Journal of Pharmacology, 2021, 178, 1279-1297.	2.7	18
23	Circulating Cytokines Could Not Be Good Prognostic Biomarkers in a Mouse Model of Amyotrophic Lateral Sclerosis. Frontiers in Immunology, 2019, 10, 801.	2.2	16
24	Housekeeping gene expression in myogenic cell cultures from neurodegeneration and denervation animal models. Biochemical and Biophysical Research Communications, 2011, 407, 758-763.	1.0	15
25	Quantity and Activation of Myofiber-Associated Satellite Cells in a Mouse Model of Amyotrophic Lateral Sclerosis. Stem Cell Reviews and Reports, 2012, 8, 279-287.	5.6	14
26	Chemotherapeutic agent 5-fluorouracil increases survival of SOD1 mouse model of ALS. PLoS ONE, 2019, 14, e0210752.	1.1	14
27	Type XIX collagen: a promising biomarker from the basement membranes. Neural Regeneration Research, 2020, 15, 988.	1.6	13
28	Impairment of autophagy in scrapie-infected transgenic mice at the clinical stage. Laboratory Investigation, 2020, 100, 52-63.	1.7	12
29	Longevity of <i>Indy</i> mutant <i>Drosophila</i> not attributable to <i>Indy</i> mutation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, E53; author reply E54.	3.3	11
30	OXPHOS xenobiotics alter adipogenic differentiation at concentrations found in human blood. DMM Disease Models and Mechanisms, 2015, 8, 1441-55.	1.2	11
31	Granulocyte Colony-Stimulating Factor Ameliorates Skeletal Muscle Dysfunction in Amyotrophic Lateral Sclerosis Mice and Improves Proliferation of SOD1-G93A Myoblasts in vitro. Neurodegenerative Diseases, 2017, 17, 1-13.	0.8	11
32	Cerebrospinal Fluid and Plasma Small Extracellular Vesicles and miRNAs as Biomarkers for Prion Diseases. International Journal of Molecular Sciences, 2021, 22, 6822.	1.8	10
33	Effects of gene therapy on muscle 18S rRNA expression in mouse model of ALS. BMC Research Notes, 2010, 3, 275.	0.6	6
34	BAMBI and CHGA in Prion Diseases: Neuropathological Assessment and Potential Role as Disease Biomarkers. Biomolecules, 2020, 10, 706.	1.8	6
35	MicroRNA Alterations in a Tg501 Mouse Model of Prion Disease. Biomolecules, 2020, 10, 908.	1.8	5
36	Lessons to Learn from the Gut Microbiota: A Focus on Amyotrophic Lateral Sclerosis. Genes, 2022, 13, 865.	1.0	4

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37	Genome-Wide Methylation Profiling in the Thalamus of Scrapie Sheep. Frontiers in Veterinary Science, 2022, 9, 824677.	0.9	2