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	Genome-Wide Methylation Profiling in the Thalamus of Scrapie Sheep. Frontiers in Veterinary Science, 2022, 9, 824677.	0.9	2
2	Lessons to Learn from the Gut Microbiota: A Focus on Amyotrophic Lateral Sclerosis. Genes, 2022, 13, 865.	1.0	4
3	What skeletal muscle has to say in amyotrophic lateral sclerosis: Implications for therapy. British Journal of Pharmacology, 2021, 178, 1279-1297.	2.7	18
4	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
5	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582 Te	4.3	1,430
6	Impairment of autophagy in scrapie-infected transgenic mice at the clinical stage. Laboratory Investigation, 2020, 100, 52-63.	1.7	12
7	Competing Endogenous RNA Networks as Biomarkers in Neurodegenerative Diseases. International Journal of Molecular Sciences, 2020, 21, 9582.	1.8	73
8	BAMBI and CHGA in Prion Diseases: Neuropathological Assessment and Potential Role as Disease Biomarkers. Biomolecules, 2020, 10, 706.	1.8	6
9	MicroRNA Alterations in a Tg501 Mouse Model of Prion Disease. Biomolecules, 2020, 10, 908.	1.8	5
10	Fine-tuning autophagy maximises lifespan and is associated with changes in mitochondrial gene expression in Drosophila. PLoS Genetics, 2020, 16, e1009083.	1.5	43
11	Type XIX collagen: a promising biomarker from the basement membranes. Neural Regeneration Research, 2020, 15, 988.	1.6	13
12	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
13	Dysregulation of autophagy in the central nervous system of sheep naturally infected with classical scrapie. Scientific Reports, 2019, 9, 1911.	1.6	21
14	Chemotherapeutic agent 5-fluorouracil increases survival of SOD1 mouse model of ALS. PLoS ONE, 2019, 14, e0210752.	1.1	14
15	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
16	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
17	Nuclear hormone receptor DHR96 mediates the resistance to xenobiotics but not the increased lifespan of insulin-mutant Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1321-1326.	3.3	46
18	OXPHOS xenobiotics alter adipogenic differentiation at concentrations found in human blood. DMM Disease Models and Mechanisms, 2015, 8, 1441-55.	1.2	11

#	Article	IF	Citations
19	MicroRNA-206: A Potential Circulating Biomarker Candidate for Amyotrophic Lateral Sclerosis. PLoS ONE, 2014, 9, e89065.	1.1	154
20	Altered in vitro Proliferation of Mouse SOD1-G93A Skeletal Muscle Satellite Cells. Neurodegenerative Diseases, 2013, 11, 153-164.	0.8	35
21	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
22	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
23	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
24	Altered Expression of Myogenic Regulatory Factors in the Mouse Model of Amyotrophic Lateral Sclerosis. Neurodegenerative Diseases, 2011, 8, 386-396.	0.8	39
25	Effects of gene therapy on muscle 18S rRNA expression in mouse model of ALS. BMC Research Notes, 2010, 3, 275.	0.6	6
26	Tetanus Toxin C-Fragment: The Courier and the Cure?. Toxins, 2010, 2, 2622-2644.	1.5	49
27	Mechanisms of Life Span Extension by Rapamycin in the Fruit Fly Drosophila melanogaster. Cell Metabolism, 2010, 11, 35-46.	7.2	896
28	Longevity of Indy mutant Drosophila not attributable to Indy mutation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, E53; author reply E54.	3.3	11
29	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
30	Endocrine regulation of aging and reproduction in Drosophila. Molecular and Cellular Endocrinology, 2009, 299, 39-50.	1.6	152
31	No Influence of Indy on Lifespan in Drosophila after Correction for Genetic and Cytoplasmic Background Effects. PLoS Genetics, 2007, 3, e95.	1.5	95
32	Mitochondrial disease in flies. Biochimica Et Biophysica Acta - Bioenergetics, 2004, 1659, 190-196.	0.5	26
33	Gene dosage and selective expression modify phenotype in a Drosophila model of human mitochondrial disease. Mitochondrion, 2003, 3, 83-96.	1.6	19
34	technical knockout, a Drosophila Model of Mitochondrial Deafness. Genetics, 2001, 159, 241-254.	1.2	88
35	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
36	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

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37	Modelling in Escherichia coli of mutations in mitoribosomal protein S12: novel mutant phenotypes of rpsL. Molecular Microbiology, 1999, 31, 1735-1746.	1.2	33