Olli Matilainen

List of Publications by Year
in descending order

12	1,232	1040056 9	1199594 12
papers	citations	h-index	g-index

13	13	13	2191
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	De novo NAD+ synthesis enhances mitochondrial function and improves health. Nature, 2018, 563, 354-359.	27.8	302
2	Two Conserved Histone Demethylases Regulate Mitochondrial Stress-Induced Longevity. Cell, 2016, 165, 1209-1223.	28.9	279
3	Mitochondria and Epigenetics â€“ Crosstalk in Homeostasis and Stress. Trends in Cell Biology, 2017, 27, 453-463.	7.9	256
4	Specific SKN-1/Nrf Stress Responses to Perturbations in Translation Elongation and Proteasome Activity. PLoS Genetics, 2011, 7, e1002119.	3.5	131
5	A photoconvertible reporter of the ubiquitin-proteasome system in vivo. Nature Methods, 2010, 7, 473-478.	19.0	112
6	Insulin/IGF-1 Signaling Regulates Proteasome Activity through the Deubiquitinating Enzyme UBH-4. Cell Reports, 2013, 3, 1980-1995.	6.4	56
7	The chromatin remodeling factor ISW-1 integrates organismal responses against nuclear and mitochondrial stress. Nature Communications, 2017, 8, 1818.	12.8	30
8	Suppression of RNAi by dsRNA-Degrading RNaseIII Enzymes of Viruses in Animals and Plants. PLoS Pathogens, 2015, 11, e1004711.	4.7	22
9	Fluorescent Tools for In Vivo Studies on the Ubiquitin-Proteasome System. Methods in Molecular Biology, 2016, 1449, 215-222.	0.9	13
10	Expanded CUG Repeats Trigger Disease Phenotype and Expression Changes through the RNAi Machinery in C. elegans. Journal of Molecular Biology, 2019, 431, 1711-1728.	4.2	12
11	Tissue-specific effects of temperature on proteasome function. Cell Stress and Chaperones, 2020, 25, 563-572.	2.9	12
12	Loss of muscleblind splicing factor shortens Caenorhabditis elegans lifespan by reducing the activity of p38 MAPK/PMK-1 and transcription factors ATF-7 and Nrf/SKN-1. Genetics, 2021, 219, .	2.9	7