Alyson W Macinnes

List of Publications by Year
in descending order

19	666	623734	794594
papers	citations	14 h-index	19 g-index

22	22	22	1431
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Conserved Mito-Cytosolic Translational Balance Links Two Longevity Pathways. Cell Metabolism, 2020, 31, 549-563.e7.	16.2	87
2	A Ribosomopathy Reveals Decoding Defective Ribosomes Driving Human Dysmorphism. American Journal of Human Genetics, 2017, 100, 506-522.	6.2	69
3	A zebrafish model of dyskeratosis congenita reveals hematopoietic stem cell formation failure resulting from ribosomal protein-mediated p53 stabilization. Blood, 2011, 118, 5458-5465.	1.4	62
4	Molecular approaches to diagnose Diamond-Blackfan anemia: The EuroDBA experience. European Journal of Medical Genetics, 2018, 61, 664-673.	1.3	59
5	Ribosomal Protein Mutations Induce Autophagy through S6 Kinase Inhibition of the Insulin Pathway. PLoS Genetics, 2014, 10, e1004371.	3.5	58
6	A Long Noncoding RNA on the Ribosome Is Required for Lifespan Extension. Cell Reports, 2015, 10, 339-345.	6.4	57
7	Glycine promotes longevity in Caenorhabditis elegans in a methionine cycle-dependent fashion. PLoS Genetics, 2019, 15, e1007633.	3.5	55
8	Mitochondrial translation and dynamics synergistically extend lifespan in C. elegans through HLH-30. Journal of Cell Biology, 2020, 219, .	5.2	37
9	HNRNPR Variants that Impair Homeobox Gene Expression Drive Developmental Disorders in Humans. American Journal of Human Genetics, 2019, 104, 1040-1059.	6.2	29
10	Ribosomal protein gene RPL9 variants can differentially impair ribosome function and cellular metabolism. Nucleic Acids Research, 2020, 48, 770-787.	14.5	28
11	A comparative study of nucleostemin family members in zebrafish reveals specific roles in ribosome biogenesis. Developmental Biology, 2014, 385, 304-315.	2.0	23
12	Translation of branched-chain aminotransferase-1 transcripts is impaired in cells haploinsufficient for ribosomal protein genes. Experimental Hematology, 2014, 42, 394-403.e4.	0.4	23
13	Recurring mutations in RPL15 are linked to hydrops fetalis and treatment independence in Diamond-Blackfan anemia. Haematologica, 2018, 103, 949-958.	3.5	22
14	Ribosomal Protein Mutations Result in Constitutive p53 Protein Degradation through Impairment of the AKT Pathway. PLoS Genetics, 2015, 11, e1005326.	3.5	18
15	HEATR3 variants impair nuclear import of uL18 (RPL5) and drive Diamond-Blackfan anemia. Blood, 2022, 139, 3111-3126.	1.4	15
16	Mitochondrial ubiquinoneâ€“mediated longevity is marked by reduced cytoplasmic mRNA translation. Life Science Alliance, 2018, 1, e201800082.	2.8	12
17	Diamond-Blackfan Anemia Phenotype Caused By Deficiency of Adenosine Deaminase 2. Blood, 2017, 130, 874-874.	1.4	4
18	Reduced ech-6 expression attenuates fat-induced lifespan shortening in C. elegans. Scientific Reports, 2022, 12, 3350.	3.3	4

#	Article	IF	Citations
19	A uniparental isodisomy event introducing homozygous pathogenic variants drives a multisystem metabolic disorder. Journal of Physical Education and Sports Management, 2019, 5, a004457.	1.2	2