

# MatÃ- as Fuentealba Valenzuela

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1126573/publications.pdf>

Version: 2024-02-01

10  
papers

490  
citations

1307366

7  
h-index

1474057

9  
g-index

13  
all docs

13  
docs citations

13  
times ranked

687  
citing authors

#	ARTICLE	IF	CITATIONS
1	The quest to slow ageing through drug discovery. <i>Nature Reviews Drug Discovery</i> , 2020, 19, 513-532.	21.5	260
2	Gene expression-based drug repurposing to target aging. <i>Aging Cell</i> , 2018, 17, e12819.	3.0	56
3	Common genetic associations between age-related diseases. <i>Nature Aging</i> , 2021, 1, 400-412.	5.3	55
4	Functional conservation in genes and pathways linking ageing and immunity. <i>Immunity and Ageing</i> , 2021, 18, 23.	1.8	38
5	Using the drug-protein interactome to identify anti-ageing compounds for humans. <i>PLoS Computational Biology</i> , 2019, 15, e1006639.	1.5	30
6	The neuronal receptor tyrosine kinase Alk is a target for longevity. <i>Aging Cell</i> , 2020, 19, e13137.	3.0	20
7	Identifying Potential Ageing-Modulating Drugs In Silico. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 118-131.	3.1	15
8	Transposable Element Landscape in <i>Drosophila</i> Populations Selected for Longevity. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	6
9	Transcriptomic profiling of long- and short-lived mutant mice implicates mitochondrial metabolism in ageing and shows signatures of normal ageing in progeroid mice. <i>Mechanisms of Ageing and Development</i> , 2021, 194, 111437.	2.2	6
10	Crystal structure of the 6-phosphogluconate dehydrogenase from <i>Gluconobacter oxydans</i> reveals tetrameric 6PGDHs as the crucial intermediate in the evolution of structure and cofactor preference in the 6PGDH family. <i>Wellcome Open Research</i> , 0, 6, 48.	0.9	2