Matthias Ziehm

List of Publications by Year
in descending order

17 papers	610 citations	759233 12 h-index	940533 16 g-index
20 all docs	20 docs citations	20 times ranked	861 citing authors

#	Article	IF	Citations
1	Longevity GWAS Using the *Drosophila* Genetic Reference Panel. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 1470-1478.	3.6	105
2	POPISK: T-cell reactivity prediction using support vector machines and string kernels. BMC Bioinformatics, 2011, 12, 446.	2.6	79
3	Two forms of death in ageing Caenorhabditis elegans. Nature Communications, 2017, 8, 15458.	12.8	73
4	MYCN mediates cysteine addiction and sensitizes neuroblastoma to ferroptosis. Nature Cancer, 2022, 3, 471-485.	13.2	73
5	Alternative lengthening of telomeres in childhood neuroblastoma from genome to proteome. Nature Communications, 2021, 12, 1269.	12.8	46
6	Comprehensive micro-scaled proteome and phosphoproteome characterization of archived retrospective cancer repositories. Nature Communications, 2021, 12, 3576.	12.8	39
7	Computational biology for ageing. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 51-63.	4.0	35
8	Drug repurposing for aging research using model organisms. Aging Cell, 2017, 16, 1006-1015.	6.7	34
9	Analysing variation in *Drosophila* aging across independent experimental studies: a meta‐analysis of survival data. Aging Cell, 2013, 12, 917-922.	6.7	27
10	MDL-1, a growth- and tumor-suppressor, slows aging and prevents germline hyperplasia and hypertrophy in C. elegans. Aging, 2014, 6, 98-117.	3.1	27
11	Unlocking the potential of survival data for model organisms through a new database and online analysis platform: SurvCurv. Aging Cell, 2013, 12, 910-916.	6.7	24
12	SurvCurv database and online survival analysis platform update. Bioinformatics, 2015, 31, 3878-3880.	4.1	13
13	Using Answer Set Programming to Integrate RNA Expression with Signalling Pathway Information to Infer How Mutations Affect Ageing. PLoS ONE, 2012, 7, e50881.	2.5	13
14	Proteomic Analysis Reveals Upregulation of ACE2 (Angiotensin-Converting Enzyme 2), the Putative SARS-CoV-2 Receptor in Pressure–but Not Volume-Overloaded Human Hearts. Hypertension, 2020, 76, e41-e43.	2.7	6
15	T-cell epitope prediction based on self-tolerance. , 2011, , .		5
16	Neuroblastoma signalling models unveil combination therapies targeting feedback-mediated resistance. PLoS Computational Biology, 2021, 17, e1009515.	3.2	5
17	Transcriptional feedback in the insulin signalling pathway modulates ageing in both Caenorhabditis elegans and Drosophila melanogaster. Molecular BioSystems, 2013, 9, 1756.	2.9	4