

Joao Pedro de Magalhaes

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

158 papers	7,845 citations	50 h-index	85 g-index
175 ext. papers	10,404 ext. citations	8 avg, IF	6.62 L-index

#	Paper	IF	Citations
158	Meta-analysis of age-related gene expression profiles identifies common signatures of aging. <i>Bioinformatics</i> , 2009 , 25, 875-81	7.2	496
157	Human Ageing Genomic Resources: integrated databases and tools for the biology and genetics of ageing. <i>Nucleic Acids Research</i> , 2013 , 41, D1027-33	20.1	389
156	Gene co-expression analysis for functional classification and gene-disease predictions. <i>Briefings in Bioinformatics</i> , 2018 , 19, 575-592	13.4	377
155	A database of vertebrate longevity records and their relation to other life-history traits. <i>Journal of Evolutionary Biology</i> , 2009 , 22, 1770-4	2.3	325
154	Subcytotoxic H2O2 stress triggers a release of transforming growth factor-beta 1, which induces biomarkers of cellular senescence of human diploid fibroblasts. <i>Journal of Biological Chemistry</i> , 2001 , 276, 2531-7	5.4	247
153	RNA-Seq Signatures Normalized by mRNA Abundance Allow Absolute Deconvolution of Human Immune Cell Types. <i>Cell Reports</i> , 2019 , 26, 1627-1640.e7	10.6	238
152	Human Ageing Genomic Resources: new and updated databases. <i>Nucleic Acids Research</i> , 2018 , 46, D1083-D1090	20.1	238
151	An analysis of the relationship between metabolism, developmental schedules, and longevity using phylogenetic independent contrasts. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2007 , 62, 149-60	6.4	227
150	The role of DNA methylation in aging, rejuvenation, and age-related disease. <i>Rejuvenation Research</i> , 2012 , 15, 483-94	2.6	214
149	Insights into the evolution of longevity from the bowhead whale genome. <i>Cell Reports</i> , 2015 , 10, 112-22	10.6	203
148	How ageing processes influence cancer. <i>Nature Reviews Cancer</i> , 2013 , 13, 357-65	31.3	199
147	Longer lifespan in male mice treated with a weakly estrogenic agonist, an antioxidant, an α -glucosidase inhibitor or a Nrf2-inducer. <i>Aging Cell</i> , 2016 , 15, 872-84	9.9	176
146	Stress, cell senescence and organismal ageing. <i>Mechanisms of Ageing and Development</i> , 2018 , 170, 2-9	5.6	152
145	The Human Ageing Genomic Resources: online databases and tools for biogerontologists. <i>Aging Cell</i> , 2009 , 8, 65-72	9.9	152
144	A review and appraisal of the DNA damage theory of ageing. <i>Mutation Research - Reviews in Mutation Research</i> , 2011 , 728, 12-22	7	141
143	HAGR: the Human Ageing Genomic Resources. <i>Nucleic Acids Research</i> , 2005 , 33, D537-43	20.1	109
142	WHISTLE: a high-accuracy map of the human N6-methyladenosine (m6A) epitranscriptome predicted using a machine learning approach. <i>Nucleic Acids Research</i> , 2019 , 47, e41	20.1	106

141	Genome-environment interactions that modulate aging: powerful targets for drug discovery. <i>Pharmacological Reviews</i> , 2012 , 64, 88-101	22.5	92
140	flowAI: automatic and interactive anomaly discerning tools for flow cytometry data. <i>Bioinformatics</i> , 2016 , 32, 2473-80	7.2	85
139	Whole transcriptome sequencing of the aging rat brain reveals dynamic RNA changes in the dark matter of the genome. <i>Age</i> , 2013 , 35, 763-76		82
138	Cells discover fire: employing reactive oxygen species in development and consequences for aging. <i>Experimental Gerontology</i> , 2006 , 41, 1-10	4.5	82
137	From cells to ageing: a review of models and mechanisms of cellular senescence and their impact on human ageing. <i>Experimental Cell Research</i> , 2004 , 300, 1-10	4.2	82
136	GenAge: a genomic and proteomic network map of human ageing. <i>FEBS Letters</i> , 2004 , 571, 243-7	3.8	81
135	The Business of Anti-Aging Science. <i>Trends in Biotechnology</i> , 2017 , 35, 1062-1073	15.1	80
134	The influence of genes on the aging process of mice: a statistical assessment of the genetics of aging. <i>Genetics</i> , 2005 , 169, 265-74	4	80
133	GeneFriends: a human RNA-seq-based gene and transcript co-expression database. <i>Nucleic Acids Research</i> , 2015 , 43, D1124-32	20.1	77
132	RNA sequencing reveals differential expression of mitochondrial and oxidation reduction genes in the long-lived naked mole-rat when compared to mice. <i>PLoS ONE</i> , 2011 , 6, e26729	3.7	77
131	Next-generation sequencing in aging research: emerging applications, problems, pitfalls and possible solutions. <i>Ageing Research Reviews</i> , 2010 , 9, 315-23	12	77
130	Programmatic features of aging originating in development: aging mechanisms beyond molecular damage?. <i>FASEB Journal</i> , 2012 , 26, 4821-6	0.9	76
129	The DrugAge database of aging-related drugs. <i>Aging Cell</i> , 2017 , 16, 594-597	9.9	71
128	From the Hayflick mosaic to the mosaics of ageing. Role of stress-induced premature senescence in human ageing. <i>International Journal of Biochemistry and Cell Biology</i> , 2002 , 34, 1415-29	5.6	70
127	A meta-analysis of caloric restriction gene expression profiles to infer common signatures and regulatory mechanisms. <i>Molecular BioSystems</i> , 2012 , 8, 1339-49		69
126	UVB-induced premature senescence of human diploid skin fibroblasts. <i>International Journal of Biochemistry and Cell Biology</i> , 2002 , 34, 1331-9	5.6	68
125	A network pharmacology approach reveals new candidate caloric restriction mimetics in C. elegans. <i>Aging Cell</i> , 2016 , 15, 256-66	9.9	66
124	Gene expression and regulation in H2O2-induced premature senescence of human foreskin fibroblasts expressing or not telomerase. <i>Experimental Gerontology</i> , 2004 , 39, 1379-89	4.5	65

123	Geroprotectors.org: a new, structured and curated database of current therapeutic interventions in aging and age-related disease. <i>Aging</i> , 2015 , 7, 616-28	5.6	65
122	Being cool: how body temperature influences ageing and longevity. <i>Biogerontology</i> , 2015 , 16, 383-97	4.5	64
121	Systems biology and longevity: an emerging approach to identify innovative anti-aging targets and strategies. <i>Current Pharmaceutical Design</i> , 2010 , 16, 802-13	3.3	64
120	A review of supervised machine learning applied to ageing research. <i>Biogerontology</i> , 2017 , 18, 171-188	4.5	62
119	LongevityMap: a database of human genetic variants associated with longevity. <i>Trends in Genetics</i> , 2013 , 29, 559-60	8.5	62
118	The Naked Mole Rat Genome Resource: facilitating analyses of cancer and longevity-related adaptations. <i>Bioinformatics</i> , 2014 , 30, 3558-60	7.2	62
117	Cell divisions and mammalian aging: integrative biology insights from genes that regulate longevity. <i>BioEssays</i> , 2008 , 30, 567-78	4.1	62
116	Stress-induced premature senescence in BJ and hTERT-BJ1 human foreskin fibroblasts. <i>FEBS Letters</i> , 2002 , 523, 157-62	3.8	62
115	Genomes optimize reproduction: aging as a consequence of the developmental program. <i>Physiology</i> , 2005 , 20, 252-9	9.8	61
114	A comparison of human and mouse gene co-expression networks reveals conservation and divergence at the tissue, pathway and disease levels. <i>BMC Evolutionary Biology</i> , 2015 , 15, 259	3	56
113	The Digital Ageing Atlas: integrating the diversity of age-related changes into a unified resource. <i>Nucleic Acids Research</i> , 2015 , 43, D873-8	20.1	53
112	Systematic analysis of the gerontome reveals links between aging and age-related diseases. <i>Human Molecular Genetics</i> , 2016 , 25, 4804-4818	5.6	53
111	GeneFriends: an online co-expression analysis tool to identify novel gene targets for aging and complex diseases. <i>BMC Genomics</i> , 2012 , 13, 535	4.5	52
110	m6A-Atlas: a comprehensive knowledgebase for unraveling the N6-methyladenosine (m6A) epitranscriptome. <i>Nucleic Acids Research</i> , 2021 , 49, D134-D143	20.1	52
109	From humans to hydra: patterns of cancer across the tree of life. <i>Biological Reviews</i> , 2018 , 93, 1715-1734	13.5	50
108	A multidimensional systems biology analysis of cellular senescence in aging and disease. <i>Genome Biology</i> , 2020 , 21, 91	18.3	49
107	Naked mole rats can undergo developmental, oncogene-induced and DNA damage-induced cellular senescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 1801-1806	11.5	44
106	Accelerated protein evolution analysis reveals genes and pathways associated with the evolution of mammalian longevity. <i>Age</i> , 2013 , 35, 301-14		42

105	Why genes extending lifespan in model organisms have not been consistently associated with human longevity and what it means to translation research. <i>Cell Cycle</i> , 2014 , 13, 2671-3	4.7	42
104	Biological Processes Modulating Longevity across Primates: A Phylogenetic Genome-Phenome Analysis. <i>Molecular Biology and Evolution</i> , 2018 , 35, 1990-2004	8.3	42
103	Transcriptome analysis in calorie-restricted rats implicates epigenetic and post-translational mechanisms in neuroprotection and aging. <i>Genome Biology</i> , 2015 , 16, 285	18.3	41
102	A data mining approach for classifying DNA repair genes into ageing-related or non-ageing-related. <i>BMC Genomics</i> , 2011 , 12, 27	4.5	40
101	Dissecting the gene network of dietary restriction to identify evolutionarily conserved pathways and new functional genes. <i>PLoS Genetics</i> , 2012 , 8, e1002834	6	40
100	Mitochondrially encoded methionine is inversely related to longevity in mammals. <i>Aging Cell</i> , 2011 , 10, 198-207	9.9	39
99	Open-minded scepticism: inferring the causal mechanisms of human ageing from genetic perturbations. <i>Ageing Research Reviews</i> , 2005 , 4, 1-22	12	39
98	Vive la radioristance!: converging research in radiobiology and biogerontology to enhance human radioresistance for deep space exploration and colonization. <i>Oncotarget</i> , 2018 , 9, 14692-14722	3.3	38
97	Cognitive aging as an extension of brain development: a model linking learning, brain plasticity, and neurodegeneration. <i>Mechanisms of Ageing and Development</i> , 2005 , 126, 1026-33	5.6	35
96	Growth kinetics rather than stress accelerate telomere shortening in cultures of human diploid fibroblasts in oxidative stress-induced premature senescence. <i>FEBS Letters</i> , 2001 , 502, 109-12	3.8	34
95	Prediction of C. elegans longevity genes by human and worm longevity networks. <i>PLoS ONE</i> , 2012 , 7, e48282	3.7	34
94	The effects of donor age on organ transplants: A review and implications for aging research. <i>Experimental Gerontology</i> , 2018 , 110, 230-240	4.5	34
93	Biohorology and biomarkers of aging: Current state-of-the-art, challenges and opportunities. <i>Ageing Research Reviews</i> , 2020 , 60, 101050	12	33
92	m7GHub: deciphering the location, regulation and pathogenesis of internal mRNA N7-methylguanosine (m7G) sites in human. <i>Bioinformatics</i> , 2020 , 36, 3528-3536	7.2	31
91	A new approach for interpreting Random Forest models and its application to the biology of ageing. <i>Bioinformatics</i> , 2018 , 34, 2449-2456	7.2	31
90	The scientific quest for lasting youth: prospects for curing aging. <i>Rejuvenation Research</i> , 2014 , 17, 458-67	6.6	31
89	RMDisease: a database of genetic variants that affect RNA modifications, with implications for epitranscriptome pathogenesis. <i>Nucleic Acids Research</i> , 2021 , 49, D1396-D1404	20.1	31
88	Analyses of human-chimpanzee orthologous gene pairs to explore evolutionary hypotheses of aging. <i>Mechanisms of Ageing and Development</i> , 2007 , 128, 355-64	5.6	30

87	A human tissue-specific transcriptomic analysis reveals a complex relationship between aging, cancer, and cellular senescence. <i>Aging Cell</i> , 2019 , 18, e13041	9.9	29
86	Age-related gene-specific changes of A-to-I mRNA editing in the human brain. <i>Mechanisms of Ageing and Development</i> , 2010 , 131, 445-7	5.6	29
85	miRNA-31 Improves Cognition and Abolishes Amyloid- β Pathology by Targeting APP and BACE1 in an Animal Model of Alzheimer's Disease. <i>Molecular Therapy - Nucleic Acids</i> , 2020 , 19, 1219-1236	10.7	28
84	The evolution of mammalian aging. <i>Experimental Gerontology</i> , 2002 , 37, 769-75	4.5	26
83	To help aging populations, classify organismal senescence. <i>Science</i> , 2019 , 366, 576-578	33.3	24
82	Cell resilience in species life spans: a link to inflammation?. <i>Aging Cell</i> , 2010 , 9, 519-26	9.9	23
81	Predicting the Pro-Longevity or Anti-Longevity Effect of Model Organism Genes with New Hierarchical Feature Selection Methods. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2015 , 12, 262-75	3	22
80	Machine learning for predicting lifespan-extending chemical compounds. <i>Aging</i> , 2017 , 9, 1721-1737	5.6	21
79	Telomeres and telomerase: a modern fountain of youth?. <i>Rejuvenation Research</i> , 2004 , 7, 126-33	2.6	21
78	Winter is coming: the future of cryopreservation. <i>BMC Biology</i> , 2021 , 19, 56	7.3	20
77	The hoverfly and the wasp: A critique of the hallmarks of aging as a paradigm. <i>Ageing Research Reviews</i> , 2021 , 70, 101407	12	20
76	How bioinformatics can help reverse engineer human aging. <i>Ageing Research Reviews</i> , 2004 , 3, 125-41	12	19
75	Human disease-associated mitochondrial mutations fixed in nonhuman primates. <i>Journal of Molecular Evolution</i> , 2005 , 61, 491-7	3.1	19
74	A review of the biomedical innovations for healthy longevity. <i>Aging</i> , 2017 , 9, 7-25	5.6	18
73	Bioinformatics approaches for deciphering the epitranscriptome: Recent progress and emerging topics. <i>Computational and Structural Biotechnology Journal</i> , 2020 , 18, 1587-1604	6.8	18
72	Stress-induced premature senescence as alternative toxicological method for testing the long-term effects of molecules under development in the industry. <i>Biogerontology</i> , 2000 , 1, 179-83	4.5	17
71	Fish oil supplements, longevity and aging. <i>Aging</i> , 2016 , 8, 1578-82	5.6	17
70	Analysis of the FGF gene family provides insights into aquatic adaptation in cetaceans. <i>Scientific Reports</i> , 2017 , 7, 40233	4.9	16

69	Insights on cryoprotectant toxicity from gene expression profiling of endothelial cells exposed to ethylene glycol. <i>Cryobiology</i> , 2015 , 71, 405-12	2.7	16
68	Circulating MicroRNAs in Young Patients with Acute Coronary Syndrome. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	14
67	The biology of ageing21-47		14
66	The genomics of ecological flexibility, large brains, and long lives in capuchin monkeys revealed with fecalFACS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	14
65	Is mammalian aging genetically controlled?. <i>Biogerontology</i> , 2003 , 4, 119-20	4.5	13
64	Gene Size Matters: An Analysis of Gene Length in the Human Genome. <i>Frontiers in Genetics</i> , 2021 , 12, 559998	4.5	13
63	Mutational bias plays an important role in shaping longevity-related amino acid content in mammalian mtDNA-encoded proteins. <i>Journal of Molecular Evolution</i> , 2012 , 74, 332-41	3.1	12
62	A mathematical model of mortality dynamics across the lifespan combining heterogeneity and stochastic effects. <i>Experimental Gerontology</i> , 2013 , 48, 801-11	4.5	12
61	Ecological, biomedical and epidemiological approaches to understanding oxidative balance and ageing: what they can teach each other. <i>Functional Ecology</i> , 2010 , 24, 997-1006	5.6	12
60	Topological Characterization of Human and Mouse mC Epitranscriptome Revealed by Bisulfite Sequencing. <i>International Journal of Genomics</i> , 2018 , 2018, 1351964	2.5	11
59	A-to-I RNA editing does not change with age in the healthy male rat brain. <i>Biogerontology</i> , 2013 , 14, 395-400	4.9	11
58	Ageing-associated changes in the expression of lncRNAs in human tissues reflect a transcriptional modulation in ageing pathways. <i>Mechanisms of Ageing and Development</i> , 2020 , 185, 111177	5.6	11
57	Has gene duplication impacted the evolution of Eutherian longevity?. <i>Aging Cell</i> , 2016 , 15, 978-80	9.9	11
56	Gathering insights on disease etiology from gene expression profiles of healthy tissues. <i>Bioinformatics</i> , 2011 , 27, 3300-5	7.2	10
55	ConsRM: collection and large-scale prediction of the evolutionarily conserved RNA methylation sites, with implications for the functional epitranscriptome. <i>Briefings in Bioinformatics</i> , 2021 , 22,	13.4	10
54	Attention-based multi-label neural networks for integrated prediction and interpretation of twelve widely occurring RNA modifications. <i>Nature Communications</i> , 2021 , 12, 4011	17.4	10
53	Targeting immune dysfunction in aging. <i>Ageing Research Reviews</i> , 2021 , 70, 101410	12	10
52	A Reassessment of Genes Modulating Aging in Mice Using Demographic Measurements of the Rate of Aging. <i>Genetics</i> , 2018 , 208, 1617-1630	4	9

51	Endless paces of degeneration--applying comparative genomics to study evolution's moulding of longevity. <i>EMBO Reports</i> , 2013 , 14, 661-2	6.5	9
50	Species Selection in Comparative Studies of Aging and Antiaging Research 2006 , 9-20		9
49	An integrative analysis of the age-associated multi-omic landscape across cancers. <i>Nature Communications</i> , 2021 , 12, 2345	17.4	9
48	Positive selection and gene duplications in tumour suppressor genes reveal clues about how cetaceans resist cancer. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20202592	4.4	9
47	Genome-wide patterns of genetic distances reveal candidate Loci contributing to human population-specific traits. <i>Annals of Human Genetics</i> , 2012 , 76, 142-58	2.2	8
46	No increase in senescence-associated beta-galactosidase activity in Werner syndrome fibroblasts after exposure to H2O2. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1019, 375-8	6.5	8
45	Alice's dilemma. <i>Futures</i> , 2004 , 36, 85-89	3.6	8
44	The fog of genetics: what is known, unknown and unknowable in the genetics of complex traits and diseases. <i>EMBO Reports</i> , 2019 , 20, e48054	6.5	7
43	Vulnerability of progeroid smooth muscle cells to biomechanical forces is mediated by MMP13. <i>Nature Communications</i> , 2020 , 11, 4110	17.4	7
42	Reductions in hypothalamic Gfap expression, glial cells and Erythrocytes in lean and hypermetabolic Gnasxl-deficient mice. <i>Molecular Brain</i> , 2016 , 9, 39	4.5	6
41	Enhancing Epitranscriptome Module Detection from mA-Seq Data Using Threshold-Based Measurement Weighting Strategy. <i>BioMed Research International</i> , 2018 , 2018, 2075173	3	6
40	MYCN/LIN28B/Let-7/HMGA2 pathway implicated by meta-analysis of GWAS in suppression of post-natal proliferation thereby potentially contributing to aging. <i>Mechanisms of Ageing and Development</i> , 2013 , 134, 346-8	5.6	6
39	Paternal genome effects on aging: evidence for a role of Rasgrf1 in longevity determination?. <i>Mechanisms of Ageing and Development</i> , 2011 , 132, 72-3	5.6	6
38	A proposal to sequence genomes of unique interest for research on aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2007 , 62, 583-4	6.4	6
37	Identification of polymorphisms in cancer patients that differentially affect survival with age. <i>Aging</i> , 2017 , 9, 2117-2136	5.6	6
36	A scan for genes associated with cancer mortality and longevity in pedigree dog breeds. <i>Mammalian Genome</i> , 2020 , 31, 215-227	3.2	6
35	SynergyAge, a curated database for synergistic and antagonistic interactions of longevity-associated genes. <i>Scientific Data</i> , 2020 , 7, 366	8.2	6
34	Integrative Genomics of Aging 2016 , 263-285		5

33	The big, the bad and the ugly: Extreme animals as inspiration for biomedical research. <i>EMBO Reports</i> , 2015 , 16, 771-6	6.5	5
32	An analysis and validation pipeline for large-scale RNAi-based screens. <i>Scientific Reports</i> , 2013 , 3, 1076	4.9	5
31	A role for Ras signaling in modulating mammalian aging by the GH/IGF1 axis. <i>Aging</i> , 2011 , 3, 336-7	5.6	5
30	Every gene can (and possibly will) be associated with cancer. <i>Trends in Genetics</i> , 2021 ,	8.5	5
29	A direct communication proposal to test the Zoo Hypothesis. <i>Space Policy</i> , 2016 , 38, 22-26	1.4	5
28	Ageing transcriptome meta-analysis reveals similarities and differences between key mammalian tissues. <i>Aging</i> , 2021 , 13, 3313-3341	5.6	5
27	Ethical Perspectives in Biogerontology. <i>Ethics and Health Policy</i> , 2013 , 173-188		4
26	Sex-specific aging in animals: Perspective and future directions.. <i>Aging Cell</i> , 2022 , e13542	9.9	4
25	The inherent challenges of classifying senescence-Response. <i>Science</i> , 2020 , 368, 595-596	33.3	3
24	Hormesis: a quest for virtuality?. <i>Human and Experimental Toxicology</i> , 2001 , 20, 311-4; discussion 319-20	3.4	3
23	Trans cohort metabolic reprogramming towards glutaminolysis in long-term successfully treated HIV-infection.. <i>Communications Biology</i> , 2022 , 5, 27	6.7	3
22	m5C-Atlas: a comprehensive database for decoding and annotating the 5-methylcytosine (m5C) epitranscriptome.. <i>Nucleic Acids Research</i> , 2022 , 50, D196-D203	20.1	3
21	A Multidimensional Systems Biology Analysis of Cellular Senescence in Ageing and Disease		3
20	Ageing Transcriptome Meta-Analysis Reveals Similarities Between Key Mammalian Tissues		3
19	Using deep learning to associate human genes with age-related diseases. <i>Bioinformatics</i> , 2020 , 36, 2202-2208	7.208	3
18	Comparing enrichment analysis and machine learning for identifying gene properties that discriminate between gene classes. <i>Briefings in Bioinformatics</i> , 2020 , 21, 803-814	13.4	3
17	Evolution, structure and emerging roles of C1ORF112 in DNA replication, DNA damage responses, and cancer. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 4365-4376	10.3	3
16	Molecular damage in aging. <i>Nature Aging</i> , 2021 , 1, 1096-1106		3

15	Human Ageing Genomic Resources: 2018 Update		2
14	Positive selection and gene duplications in tumour suppressor genes reveal clues about how cetaceans resist cancer		2
13	The evolution of ecological flexibility, large brains, and long lives: capuchin monkey genomics revealed with fecalFACS		2
12	Longevity pharmacology comes of age. <i>Drug Discovery Today</i> , 2021 , 26, 1559-1562	8.8	2
11	GeneFriends 2021: Updated co-expression databases and tools for human and mouse genes and transcripts		2
10	Osh6 links yeast vacuolar functions to lifespan extension and TOR. <i>Cell Cycle</i> , 2012 , 11, 2419	4.7	1
9	A Human Tissue-Specific Transcriptomic Analysis Reveals that Ageing Hinders Cancer and Boosts Cellular Senescence		1
8	An Integrative Analysis of the Age-Associated Genomic, Transcriptomic and Epigenetic Landscape across Cancers		1
7	The fog of genetics: Known unknowns and unknown unknowns in the genetics of complex traits and diseases		1
6	scAgeCom: a murine atlas of age-related changes in intercellular communication inferred with the package scDiffCom		1
5	Machine learning-based predictions of dietary restriction associations across ageing-related genes.. <i>BMC Bioinformatics</i> , 2022 , 23, 10	3.6	0
4	Histone Variant macroH2A1.1 Enhances Nonhomologous End Joining-dependent DNA Double-strand-break Repair and Reprogramming Efficiency of Human iPSCs.. <i>Stem Cells</i> , 2022 , 40, 35-48 ^{5.8}		0
3	A method for the permeabilization of live larvae to small molecules and cryoprotectants. <i>Fly</i> , 2020 , 14, 29-33	1.3	
2	Integrative genomics of aging 2021 , 151-171		
1	Ageing research in the post-genome era: new technologies for an old problem. <i>SEB Experimental Biology Series</i> , 2009 , 62, 99-115		