

From discoveries in ageing research to therapeutics for

Nature

571, 183-192

DOI: [10.1038/s41586-019-1365-2](https://doi.org/10.1038/s41586-019-1365-2)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Enabling Healthful Aging for All – The National Academy of Medicine Grand Challenge in Healthy Longevity. <i>New England Journal of Medicine</i> , 2019, 381, 1699-1701.	13.9	53
2	A triple drug combination targeting components of the nutrient-sensing network maximizes longevity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20817-20819.	3.3	63
3	Elovanoids counteract oligomeric $\beta$ -amyloid-induced gene expression and protect photoreceptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24317-24325.	3.3	47
4	Cellular Stress-Modulating Drugs Can Potentially Be Identified by in Silico Screening with Connectivity Map (CMap). <i>International Journal of Molecular Sciences</i> , 2019, 20, 5601.	1.8	23
5	Inflammaging as a common ground for the development and maintenance of sarcopenia, obesity, cardiomyopathy and dysbiosis. <i>Ageing Research Reviews</i> , 2019, 56, 100980.	5.0	107
6	Agephagy – Adapting Autophagy for Health During Aging. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 308.	1.8	43
7	DNA methylation aging clocks: challenges and recommendations. <i>Genome Biology</i> , 2019, 20, 249.	3.8	552
8	Personalized precision medicine. <i>Bio-Algorithms and Med-Systems</i> , 2019, 15, .	1.0	4
9	Advances in quantitative biology methods for studying replicative aging in <i>Saccharomyces cerevisiae</i> . <i>Translational Medicine of Aging</i> , 2020, 4, 151-160.	0.6	13
10	Lipid Hydrolase Enzymes: Pragmatic Prolongevity Targets for Improved Human Healthspan?. <i>Rejuvenation Research</i> , 2020, 23, 107-121.	0.9	3
11	Nanodelivery of phytoactive compounds for treating aging-associated disorders. <i>GeroScience</i> , 2020, 42, 117-139.	2.1	22
12	Maximum reproductive lifespan correlates with CD33rSILEC gene number: Implications for NADPH oxidase-derived reactive oxygen species in aging. <i>FASEB Journal</i> , 2020, 34, 1928-1938.	0.2	11
13	James Edgar Paullin: Pioneer in Geriatrics and Gerontology. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 115-116.	1.7	0
14	Hypotaurine promotes longevity and stress tolerance via the stress response factors DAF-16/FOXO and SKN-1/NRF2 in <i>Caenorhabditis elegans</i> . <i>Food and Function</i> , 2020, 11, 347-357.	2.1	26
15	PPAR $\beta$ signalling as a key mediator of human hair follicle physiology and pathology. <i>Experimental Dermatology</i> , 2020, 29, 312-321.	1.4	26
16	The NAD <sup>+</sup> -mitophagy axis in healthy longevity and in artificial intelligence-based clinical applications. <i>Mechanisms of Ageing and Development</i> , 2020, 185, 111194.	2.2	36
17	Mesenchymal Stromal Cells as Critical Contributors to Tissue Regeneration. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 576176.	1.8	68
18	Sestrin family – the stem controlling healthy ageing. <i>Mechanisms of Ageing and Development</i> , 2020, 192, 111379.	2.2	15

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19	Neuropathologic burden and the degree of frailty in relation to global cognition and dementia. <i>Neurology</i> , 2020, 95, e3269-e3279.	1.5	33
20	A research agenda for ageing in China in the 21st century (2nd edition): Focusing on basic and translational research, long-term care, policy and social networks. <i>Ageing Research Reviews</i> , 2020, 64, 101174.	5.0	240
21	Health in Aging – Past, Present, and Future. <i>New England Journal of Medicine</i> , 2020, 383, 1293-1296.	13.9	21
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24	Achieving healthy human longevity: A global grand challenge. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	6
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29	Sarcopenic obesity: Myokines as potential diagnostic biomarkers and therapeutic targets?. <i>Experimental Gerontology</i> , 2020, 139, 111022.	1.2	44
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35	Cellular proteostasis decline in human senescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31902-31913.	3.3	81
36	Immunosenescence: a key player in cancer development. <i>Journal of Hematology and Oncology</i> , 2020, 13, 151.	6.9	198

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38	A Blueprint for Characterizing Senescence. <i>Cell</i> , 2020, 183, 1143-1146.	13.5	60
39	Mastering organismal aging through the endoplasmic reticulum proteostasis network. <i>Aging Cell</i> , 2020, 19, e13265.	3.0	30
40	Diagnostic and Therapeutic Challenges in the Management of Intermediate and Frail Elderly Multiple Myeloma Patients. <i>Cancers</i> , 2020, 12, 3106.	1.7	12
41	Reactive Oxygen Species: Participation in Cellular Processes and Progression of Pathology. <i>Russian Journal of Bioorganic Chemistry</i> , 2020, 46, 657-674.	0.3	13
42	Active Peptide KF-8 from Rice Bran Attenuates Oxidative Stress in a Mouse Model of Aging Induced by $\alpha$ -Galactose. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 12271-12283.	2.4	24
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50	The carotid plaque as paradigmatic case of site-specific acceleration of aging process: The microRNAs and the inflammaging contribution. <i>Ageing Research Reviews</i> , 2020, 61, 101090.	5.0	13
51	Cardiac tissue remodeling in healthy aging: the road to pathology. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 319, C166-C182.	2.1	24
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53	Treating age-related multimorbidity: the drug discovery challenge. <i>Drug Discovery Today</i> , 2020, 25, 1403-1415.	3.2	21
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56	Defining the vulnerable patient with myeloma—a frailty position paper of the European Myeloma Network. <i>Leukemia</i> , 2020, 34, 2285-2294.	3.3	45
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61	Fermented barley $\beta$ -glucan regulates fat deposition in <i>Caenorhabditis elegans</i> . <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 3408-3417.	1.7	29
62	Metabolism of Exogenous D-Beta-Hydroxybutyrate, an Energy Substrate Avidly Consumed by the Heart and Kidney. <i>Frontiers in Nutrition</i> , 2020, 7, 13.	1.6	44
63	The Emerging Role of Senescence in Ocular Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-19.	1.9	35
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65	Senescence in Mesenchymal Stem Cells: Functional Alterations, Molecular Mechanisms, and Rejuvenation Strategies. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 258.	1.8	142
66	Immune Clearance of Senescent Cells to Combat Ageing and Chronic Diseases. <i>Cells</i> , 2020, 9, 671.	1.8	100
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71	Healthy lifespan extension mediated by oenothien B isolated from <i>Eucalyptus grandis</i> — <i>Eucalyptus urophylla</i> GL9 in <i>Caenorhabditis elegans</i> . <i>Food and Function</i> , 2020, 11, 2439-2450.	2.1	10
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84	Targeting senescent cells to attenuate cardiovascular disease progression. <i>Ageing Research Reviews</i> , 2020, 60, 101072.	5.0	39
85	HSF1 is required for induction of mitochondrial chaperones during the mitochondrial unfolded protein response. <i>FEBS Open Bio</i> , 2020, 10, 1135-1148.	1.0	40
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87	Antipsychotic-induced Hyperprolactinemia in aging populations: Prevalence, implications, prevention and management. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 101, 109941.	2.5	16
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89	Association Between Dietary Patterns in Midlife and Healthy Ageing in Chinese Adults: The Singapore Chinese Health Study. <i>Journal of the American Medical Directors Association</i> , 2021, 22, 1279-1286.	1.2	17
90	Thymus involution sets the clock of the aging T-cell landscape: Implications for declined immunity and tissue repair. <i>Ageing Research Reviews</i> , 2021, 65, 101231.	5.0	32
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#	ARTICLE	IF	CITATIONS
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99	Cellular senescence and its role in white adipose tissue. <i>International Journal of Obesity</i> , 2021, 45, 934-943.	1.6	38
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101	Sirtuins and aging. , 2021, , 49-77.		0
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114	Promotion of Healthy Aging Within a Community Center Through Behavior Change: Health and Fitness Findings From the AgeWell Pilot Randomized Controlled Trial. <i>Journal of Aging and Physical Activity</i> , 2021, 29, 80-88.	0.5	1
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125	The Aging Skin: From Basic Mechanisms to Clinical Applications. <i>Journal of Investigative Dermatology</i> , 2021, 141, 949-950.	0.3	7
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#	ARTICLE	IF	CITATIONS
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135	Utilizing Developmentally Essential Secreted Peptides Such as Thymosin Beta-4 to Remind the Adult Organs of Their Embryonic State—New Directions in Anti-Aging Regenerative Therapies. <i>Cells</i> , 2021, 10, 1343.	1.8	3
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150	Beneficial Effects of Exogenous Ketogenic Supplements on Aging Processes and Age-Related Neurodegenerative Diseases. <i>Nutrients</i> , 2021, 13, 2197.	1.7	29
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154	Achieving a three-dimensional longevity dividend. <i>Nature Aging</i> , 2021, 1, 500-505.	5.3	7
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161	Immunity, Aging, and the Works of V.M. Dilman. <i>Advances in Gerontology</i> , 2021, 11, 223-237.	0.1	0
162	The Emergence of Senescent Surface Biomarkers as Senotherapeutic Targets. <i>Cells</i> , 2021, 10, 1740.	1.8	28
163	A call for standardised age-disaggregated health data. <i>The Lancet Healthy Longevity</i> , 2021, 2, e436-e443.	2.0	31
164	From DNA damage to mutations: All roads lead to aging. <i>Ageing Research Reviews</i> , 2021, 68, 101316.	5.0	55
165	Applying a Life Course Biological Age Framework to Improving the Care of Individuals With Adult Cancers. <i>JAMA Oncology</i> , 2021, 7, 1692.	3.4	22
166	Incidence and severity of G6PI-induced arthritis are not increased in genetically distinct mouse strains upon aging. <i>Arthritis Research and Therapy</i> , 2021, 23, 222.	1.6	2
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169	The degree of frailty as a translational measure of health in aging. <i>Nature Aging</i> , 2021, 1, 651-665.	5.3	104
170	Microbial Reconstitution Improves Aging-Driven Lacrimal Gland Circadian Dysfunction. <i>American Journal of Pathology</i> , 2021, 191, 2091-2116.	1.9	11
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#	ARTICLE	IF	CITATIONS
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