Rafael de Cabo

List of Publications by Year
in descending order

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354 papers	45,160 citations	2440 100 h-index	2584 201 g-index
375 all docs	375 docs citations	375 times ranked	49117 citing authors

#	Article	IF	Citations
1	Resveratrol Blunts Mitochondrial Loss in Slow and Mixed Skeletal Muscle Phenotypes of Non-Human Primates following a Long-Term High Fat/Sugar Diet. Journal of Dietary Supplements, 2023, 20, 563-581.	1.4	5
2	Can we make drug discovery targeting fundamental mechanisms of aging a reality?. Expert Opinion on Drug Discovery, 2022, 17, 97-100.	2.5	6
3	OUP accepted manuscript. American Journal of Clinical Nutrition, 2022, 115, 595-597.	2.2	1
4	ATP synthase K+- and H+-fluxes drive ATP synthesis and enable mitochondrial K+-â€œuniporterâ€•function: II. Ion and ATP synthase flux regulation. Function, 2022, 3, zqac001.	1.1	20
5	Sexâ€•and strainâ€specific effects of mitochondrial uncoupling on ageâ€related metabolic diseases in highâ€fat dietâ€fed mice. Aging Cell, 2022, 21, e13539.	3.0	11
6	Preclinical frailty assessments: Phenotype and frailty index identify frailty in different mice and are variably affected by chronic medications. Experimental Gerontology, 2022, 161, 111700.	1.2	8
7	ATP Synthase K+- and H+-Fluxes Drive ATP Synthesis and Enable Mitochondrial K+-â€œUniporterâ€• Function: I. Characterization of Ion Fluxes. Function, 2022, 3, zqab065.	1.1	25
8	Short-term senolytic treatment: a paradigm to promote fracture repair during aging. Journal of Clinical Investigation, 2022, 132, .	3.9	5
9	CYB5R3 overexpression preserves skeletal muscle mitochondria and autophagic signaling in aged transgenic mice. GeroScience, 2022, 44, 2223-2241.	2.1	3
10	Serum Concentrations of Losartan Metabolites Correlate With Improved Physical Function in a Pilot Study of Prefrail Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 2356-2366.	1.7	3
11	Unraveling Pathways of Health and Lifespan with Integrated Multiomics Approaches. Methods in Molecular Biology, 2022, , 193-218.	0.4	1
12	Emergence of heartbeat frailty in advanced age I: perspectives from life-long EKG recordings in adult mice. GeroScience, 2022, 44, 2801-2830.	2.1	8
13	Age-dependent impact of two exercise training regimens on genomic and metabolic remodeling in skeletal muscle and liver of male mice. , 2022, 8, .		6
14	Longitudinal phenotypic aging metrics in the Baltimore Longitudinal Study of Aging. Nature Aging, 2022, 2, 635-643.	5.3	15
15	Chronic Polypharmacy with Increasing Drug Burden Index Exacerbates Frailty and Impairs Physical Function, with Effects Attenuated by Deprescribing, in Aged Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 1010-1018.	1.7	39
16	Study of Longitudinal Aging in Mice: Presentation of Experimental Techniques. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 552-560.	1.7	33
17	The longevity gene mIndy (Iâ€™m Not Dead, Yet) affects blood pressure through sympathoadrenal mechanisms. JCI Insight, 2021, 6, .	2.3	17
18	Chronic Exposure to Cadmium Induces Differential Methylation in Mice Spermatozoa. Toxicological Sciences, 2021, 180, 262-276.	1.4	18

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19	Mitochondrial health is enhanced in rats with higher vs. lower intrinsic exercise capacity and extended lifespan. Npj Aging and Mechanisms of Disease, 2021, 7, 1.	4.5	20
20	A redox-mediated conformational change in NQO1 controls binding to microtubules and Î±-tubulin acetylation. Redox Biology, 2021, 39, 101840.	3.9	19
21	Intermittent fasting: from calories to time restriction. GeroScience, 2021, 43, 1083-1092.	2.1	48
22	Polypharmacy Results in Functional Impairment in Mice: Novel Insights Into Age and Sex Interactions. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 1748-1756.	1.7	13
23	A cross-sectional study of functional and metabolic changes during aging through the lifespan in male mice. ELife, 2021, 10, .	2.8	47
24	Metabolic pathways and therapeutics to promote resilience, rehabilitation and delayed aging. GeroScience, 2021, 43, 1069-1070.	2.1	3
25	Restoration of energy homeostasis by SIRT6 extends healthy lifespan. Nature Communications, 2021, 12, 3208.	5.8	98
26	Deletion of the diabetes candidate gene Slc16a13 in mice attenuates diet-induced ectopic lipid accumulation and insulin resistance. Communications Biology, 2021, 4, 826.	2.0	6
27	Empirical versus theoretical power and type I error (false-positive) rates estimated from real murine aging research data. Cell Reports, 2021, 36, 109560.	2.9	7
28	Evidence that overnight fasting could extend healthy lifespan. Nature, 2021, 598, 265-266.	13.7	4
29	The carbohydrate-insulin model: a physiological perspective on the obesity pandemic. American Journal of Clinical Nutrition, 2021, 114, 1873-1885.	2.2	141
30	Fasting blood glucose as a predictor of mortality: Lost in translation. Cell Metabolism, 2021, 33, 2189-2200.e3.	7.2	29
31	IDENTIFYING BIOMARKERS FOR BIOLOGICAL AGE: GEROSCIENCE AND THE ICFSR TASK FORCE. Journal of Frailty & Aging,the, 2021, 10, 1-6.	0.8	18
32	Fasting-mimicking diet prevents high-fat diet effect on cardiometabolic risk and lifespan. Nature Metabolism, 2021, 3, 1342-1356.	5.1	34
33	Daily caloric restriction limits tumor growth more effectively than caloric cycling regardless of dietary composition. Nature Communications, 2021, 12, 6201.	5.8	57
34	Impact of large granular lymphocyte leukemia on blood DNA methylation and epigenetic clock modeling in Fischer 344 rats. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, , .	1.7	3
35	Diet composition influences the metabolic benefits of short cycles of very low caloric intake. Nature Communications, 2021, 12, 6463.	5.8	12
36	Aged Nrf2-Null Mice Develop All Major Types of Age-Related Cataracts. , 2021, 62, 10.		13

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37	Metabolic remodelling of glucose, fatty acid and redox pathways in the heart of type 2 diabetic mice. Journal of Physiology, 2020, 598, 1393-1415.	1.3	34
38	Maternally expressed gene 3 in metabolic programming. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2020, 1863, 194396.	0.9	9
39	A toolbox for the longitudinal assessment of healthspan in aging mice. Nature Protocols, 2020, 15, 540-574.	5.5	81
40	Energy Restriction and Colorectal Cancer: A Call for Additional Research. Nutrients, 2020, 12, 114.	1.7	31
41	Measuring biological aging in humans: A quest. Aging Cell, 2020, 19, e13080.	3.0	364
42	A Central Role for the Gasotransmitter H2S in Aging. Cell Metabolism, 2020, 31, 10-12.	7.2	26
43	Time-restricted feeding (TRF) for prevention of age-related vascular cognitive impairment and dementia. Ageing Research Reviews, 2020, 64, 101189.	5.0	41
44	Estrogens decrease osteoclast number by attenuating mitochondria oxidative phosphorylation and ATP production in early osteoclast precursors. Scientific Reports, 2020, 10, 11933.	1.6	52
45	NQO1 protects obese mice through improvements in glucose and lipid metabolism. Npj Aging and Mechanisms of Disease, 2020, 6, 13.	4.5	20
46	Elucidating the mechanisms by which disulfiram protects against obesity and metabolic syndrome. Npj Aging and Mechanisms of Disease, 2020, 6, 8.	4.5	12
47	A Glance Back at the Journal of Gerontologyâ€"Coffee, Dietary Interventions and Life Span. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 2029-2030.	1.7	2
48	Branched chain amino acids, aging and age-related health. Ageing Research Reviews, 2020, 64, 101198.	5.0	105
49	Age-induced accumulation of methylmalonic acid promotes tumour progression. Nature, 2020, 585, 283-287.	13.7	115
50	Perinatal diet influences health and survival in a mouse model of leukemia. GeroScience, 2020, 42, 1147-1155.	2.1	5
51	Untangling Determinants of Enhanced Health and Lifespan through a Multi-omics Approach in Mice. Cell Metabolism, 2020, 32, 100-116.e4.	7.2	85
52	Disulfiram Treatment Normalizes Body Weight in Obese Mice. Cell Metabolism, 2020, 32, 203-214.e4.	7.2	46
53	Hepatic HuR modulates lipid homeostasis in response to high-fat diet. Nature Communications, 2020, 11, 3067.	5.8	36
54	Combining a High Dose of Metformin With the SIRT1 Activator, SRT1720, Reduces Life Span in Aged Mice Fed a High-Fat Diet. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 2037-2041.	1.7	15

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55	A roadmap to build a phenotypic metric of ageing: insights from the Baltimore Longitudinal Study of Aging. Journal of Internal Medicine, 2020, 287, 373-394.	2.7	86
56	The road ahead for health and lifespan interventions. Ageing Research Reviews, 2020, 59, 101037.	5.0	76
57	Deletion of Nrf2 shortens lifespan in C57BL6/J male mice but does not alter the health and survival benefits of caloric restriction. Free Radical Biology and Medicine, 2020, 152, 650-658.	1.3	21
58	Mitochondrial adaptations in liver and skeletal muscle to pro-longevity nutritional and genetic interventions: the crosstalk between calorie restriction and CYB5R3 overexpression in transgenic mice. GeroScience, 2020, 42, 977-994.	2.1	7
59	ARDD 2020: from aging mechanisms to interventions. Aging, 2020, 12, 24484-24503.	1.4	32
60	A rat epigenetic clock recapitulates phenotypic aging and co-localizes with heterochromatin. ELife, 2020, 9, .	2.8	36
61	Spontaneous chordoma: a case report on a female UM-HET3 mouse from the SLAM study. Aging Pathobiology and Therapeutics, 2020, 2, 219-222.	0.3	0
62	The Impact of Aging, Calorie Restriction and Dietary Fat on Autophagy Markers and Mitochondrial Ultrastructure and Dynamics in Mouse Skeletal Muscle. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 760-769.	1.7	33
63	Benefits of Caloric Restriction in Longevity and Chemical-Induced Tumorigenesis Are Transmitted Independent of NQO1. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 155-162.	1.7	15
64	ADCK2 Haploinsufficiency Reduces Mitochondrial Lipid Oxidation and Causes Myopathy Associated with CoQ Deficiency. Journal of Clinical Medicine, 2019, 8, 1374.	1.0	27
65	Alternate Day Fasting Improves Physiological and Molecular Markers of Aging in Healthy, Non-obese Humans. Cell Metabolism, 2019, 30, 462-476.e6.	7.2	256
66	Central nervous system SIRT1 expression is required for cued and contextual fear conditioning memory responses in aging mice. Nutrition and Healthy Aging, 2019, 5, 111-117.	0.5	8
67	Loss of miR-451a enhances SPARC production during myogenesis. PLoS ONE, 2019, 14, e0214301.	1.1	8
68	Pomalidomide Reduces Ischemic Brain Injury in Rodents. Cell Transplantation, 2019, 28, 439-450.	1.2	14
69	Frailty index as a biomarker of lifespan and healthspan: Focus on pharmacological interventions. Mechanisms of Ageing and Development, 2019, 180, 42-48.	2.2	47
70	Effects of Intermittent Fasting on Health, Aging, and Disease. New England Journal of Medicine, 2019, 381, 2541-2551.	13.9	864
71	Discoidin domain Receptor 2: A determinant of metabolic syndrome-associated arterial fibrosis in non-human primates. PLoS ONE, 2019, 14, e0225911.	1.1	12
72	Daily Fasting Improves Health and Survival in Male Mice Independent of Diet Composition and Calories. Cell Metabolism, 2019, 29, 221-228.e3.	7.2	210

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73	Of Aging Mice and Men: Gait Speed Decline Is a Translatable Trait, With Species-Specific Underlying Properties. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 1413-1416.	1.7	29
74	Abstract P139: Cytochrome B5 Reductase 3 Biases Activation of Soluble Guanylyl Cyclase in Resistance Arteries. Hypertension, 2019, 74, .	1.3	0
75	Genetic Ablation of miR-33 Increases Food Intake, Enhances Adipose Tissue Expansion, and Promotes Obesity and Insulin Resistance. Cell Reports, 2018, 22, 2133-2145.	2.9	94
76	Nicotinamide Improves Aspects of Healthspan, but Not Lifespan, in Mice. Cell Metabolism, 2018, 27, 667-676.e4.	7.2	242
77	Long-term Dietary Macronutrients and Hepatic Gene Expression in Aging Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 1618-1625.	1.7	16
78	Intermittent mTOR Inhibition Reverses Kidney Aging in Old Rats. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 843-844.	1.7	11
79	Skeletal muscle exÂvivo mitochondrial respiration parallels decline inÂvivo oxidative capacity, cardiorespiratory fitness, and muscle strength: The Baltimore Longitudinal Study of Aging. Aging Cell, 2018, 17, e12725.	3.0	101
80	Sex and Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 139-140.	1.7	13
81	Breaking the Ceiling of Human Maximal Life span. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 1465-1471.	1.7	22
82	Caloric Restriction Research: New Perspectives on the Biology of Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 1-3.	1.7	22
83	Î±â€Motor neurons are spared from aging while their synaptic inputs degenerate in monkeys and mice. Aging Cell, 2018, 17, e12726.	3.0	47
84	Caloric Restriction Mimetics Slow Aging of Neuromuscular Synapses and Muscle Fibers. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 21-28.	1.7	28
85	Caloric Restriction Study Design Limitations in Rodent and Nonhuman Primate Studies. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 48-53.	1.7	44
86	Nrf2 Deficiency Exacerbates Obesity-Induced Oxidative Stress, Neurovascular Dysfunction, Bloodâ€“Brain Barrier Disruption, Neuroinflammation, Amyloidogenic Gene Expression, and Cognitive Decline in Mice, Mimicking the Aging Phenotype. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 853-863.	1.7	111
87	Comparing the Effects of Low-Protein and High-Carbohydrate Diets and Caloric Restriction on Brain Aging in Mice. Cell Reports, 2018, 25, 2234-2243.e6.	2.9	102
88	Commensal bacteria contribute to insulin resistance in aging by activating innate B1a cells. Science Translational Medicine, 2018, 10, .	5.8	121
89	A time to fast. Science, 2018, 362, 770-775.	6.0	339
90	Calorie Restriction Curbs Proinflammation That Accompanies Arterial Aging, Preserving a Youthful Phenotype. Journal of the American Heart Association, 2018, 7, e009112.	1.6	26

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91	Yoâ€Yo Dieting is Better than None. Obesity, 2018, 26, 1673-1673.	1.5	8
92	Carbotoxicityâ€"Noxious Effects of Carbohydrates. Cell, 2018, 175, 605-614.	13.5	82
93	Overexpression of <scp>CYB</scp>5R3 and <scp>NQO</scp>1, two <scp>NAD</scp>⁺â€producing enzymes, mimics aspects of caloric restriction. Aging Cell, 2018, 17, e12767.	3.0	32
94	Future directions of resveratrol research. Nutrition and Healthy Aging, 2018, 4, 287-290.	0.5	24
95	Apoptotic signaling of skeletal muscle tissue in response to cytochrome b5 reductase 3 over-expression and dietary interventions. Free Radical Biology and Medicine, 2018, 120, S85.	1.3	0
96	Sirt1 protects from Kâ€Rasâ€driven lung carcinogenesis. EMBO Reports, 2018, 19, .	2.0	21
97	Redox modulation of NQO1. PLoS ONE, 2018, 13, e0190717.	1.1	31
98	17Î±-Estradiol: A Novel Therapeutic Intervention to Target Age-related Chronic Inflammation. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 1-2.	1.7	5
99	Caloric restriction improves health and survival of rhesus monkeys. Nature Communications, 2017, 8, 14063.	5.8	626
100	The human longevity gene homolog INDY and interleukinâ€6 interact in hepatic lipid metabolism. Hepatology, 2017, 66, 616-630.	3.6	55
101	Effect of Resveratrol on Walking Performance in Older People With Peripheral Artery Disease. JAMA Cardiology, 2017, 2, 902.	3.0	60
102	Influence of anaerobic and aerobic exercise on age-related pathways in skeletal muscle. Ageing Research Reviews, 2017, 37, 39-52.	5.0	16
103	Kaempferol increases levels of coenzyme Q in kidney cells and serves as a biosynthetic ring precursor. Free Radical Biology and Medicine, 2017, 110, 176-187.	1.3	32
104	Conserved and species-specific molecular denominators in mammalian skeletal muscle aging. Npj Aging and Mechanisms of Disease, 2017, 3, 8.	4.5	21
105	Calorie restriction in rodents: Caveats to consider. Ageing Research Reviews, 2017, 39, 15-28.	5.0	98
106	A Comparison of Two Mouse Frailty Assessment Tools. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 904-909.	1.7	32
107	SIRT1 Polymorphisms and Serum-Induced SIRT1 Protein Expression in Aging and Frailty: The CHAMP Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 870-876.	1.7	23
108	Stem Cell Transplantation for Frailty. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 1503-1504.	1.7	13

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109	Health benefits of late-onset metformin treatment every other week in mice. Npj Aging and Mechanisms of Disease, 2017, 3, 16.	4.5	49
110	Comparative proteomic analyses of the parietal lobe from rhesus monkeys fed a high-fat/sugar diet with and without resveratrol supplementation, relative to a healthy diet: Insights into the roles of unhealthy diets and resveratrol on function. Journal of Nutritional Biochemistry, 2017, 39, 169-179.	1.9	8
111	The Effects of Aging and Sex Steroid Deficiency on the Murine Skeleton Are Independent and Mechanistically Distinct. Journal of Bone and Mineral Research, 2017, 32, 560-574.	3.1	91
112	Involvement of c-Jun N-Terminal Kinase in TNF-Î±â€“Driven Remodeling. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 393-401.	1.4	17
113	Cognitive and behavioral evaluation of nutritional interventions in rodent models of brain aging and dementia. Clinical Interventions in Aging, 2017, Volume 12, 1419-1428.	1.3	82
114	Hexokinases link DJ-1 to the PINK1/parkin pathway. Molecular Neurodegeneration, 2017, 12, 70.	4.4	40
115	Resveratrol supplementation confers neuroprotection in cortical brain tissue of nonhuman primates fed a high-fat/sucrose diet. Aging, 2016, 8, 899-916.	1.4	44
116	Animal models of frailty: current applications in clinical research. Clinical Interventions in Aging, 2016, Volume 11, 1519-1529.	1.3	46
117	Amniotic Epithelial Cells: A New Tool to Combat Aging and Age-Related Diseases?. Frontiers in Cell and Developmental Biology, 2016, 4, 135.	1.8	20
118	Muscle-Specific Myosin Heavy Chain Shifts in Response to a Long-Term High Fat/High Sugar Diet and Resveratrol Treatment in Nonhuman Primates. Frontiers in Physiology, 2016, 7, 77.	1.3	24
119	Fasting-Mimicking Diet Reduces HO-1 to Promote TÂCell-Mediated Tumor Cytotoxicity. Cancer Cell, 2016, 30, 136-146.	7.7	289
120	Ultrastructure of the liver microcirculation influences hepatic and systemic insulin activity and provides a mechanism for ageâ€related insulin resistance. Aging Cell, 2016, 15, 706-715.	3.0	60
121	Cytochrome b5 reductase and the control of lipid metabolism and healthspan. Npj Aging and Mechanisms of Disease, 2016, 2, 16006.	4.5	57
122	Spermidine to the rescue for an aging heart. Nature Medicine, 2016, 22, 1389-1390.	15.2	13
123	Mitochondrial permeabilization without caspase activation mediates the increase of basal apoptosis in cells lacking Nrf2. Free Radical Biology and Medicine, 2016, 95, 82-95.	1.3	10
124	HuR and GRSF1 modulate the nuclear export and mitochondrial localization of the lncRNA RMRP. Genes and Development, 2016, 30, 1224-1239.	2.7	176
125	Pharmacological Strategies to Retard Cardiovascular Aging. Circulation Research, 2016, 118, 1626-1642.	2.0	64
126	Novel RNA-binding activity of NQO1 promotes SERPINA1 mRNA translation. Free Radical Biology and Medicine, 2016, 99, 225-233.	1.3	28

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127	Metforminâ€mediated increase in DICER1 regulates microRNA expression and cellular senescence. Aging Cell, 2016, 15, 572-581.	3.0	153
128	Dietary fat composition influences glomerular and proximal convoluted tubule cell structure and autophagic processes in kidneys from calorie-restricted mice. Aging Cell, 2016, 15, 477-487.	3.0	23
129	Nutritional strategies to optimise cognitive function in the aging brain. Ageing Research Reviews, 2016, 31, 80-92.	5.0	93
130	Osteocalcin Signaling in Myofibers Is Necessary and Sufficient for Optimum Adaptation to Exercise. Cell Metabolism, 2016, 23, 1078-1092.	7.2	302
131	Effects of Sex, Strain, and Energy Intake on Hallmarks of Aging in Mice. Cell Metabolism, 2016, 23, 1093-1112.	7.2	360
132	Nâ€Acetyl cysteine does not prevent liver toxicity from chronic lowâ€dose plus subacute highâ€dose paracetamol exposure in young or old mice. Fundamental and Clinical Pharmacology, 2016, 30, 263-275.	1.0	10
133	Adverse Geriatric Outcomes Secondary to Polypharmacy in a Mouse Model: The Influence of Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 571-577.	1.7	59
134	Acetaminophen hepatotoxicity in mice: Effect of age, frailty and exposure type. Experimental Gerontology, 2016, 73, 95-106.	1.2	33
135	The effect of ageing on isoniazid pharmacokinetics and hepatotoxicity in Fischer 344 rats. Fundamental and Clinical Pharmacology, 2016, 30, 23-34.	1.0	17
136	Novel RNA-binding activity of MYF5 enhancesCcnd1/Cyclin D1mRNA translation during myogenesis. Nucleic Acids Research, 2016, 44, 2393-2408.	6.5	52
137	Metformin: A Hopeful Promise in Aging Research. Cold Spring Harbor Perspectives in Medicine, 2016, 6, a025932.	2.9	116
138	The impact of low-protein high-carbohydrate diets on aging and lifespan. Cellular and Molecular Life Sciences, 2016, 73, 1237-1252.	2.4	164
139	Prolonged metformin treatment leads to reduced transcription of Nrf2 and neurotrophic factors without cognitive impairment in older C57BL/6J mice. Behavioural Brain Research, 2016, 301, 1-9.	1.2	73
140	Measures of Healthspan as Indices of Aging in Miceâ€”A Recommendation. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 427-430.	1.7	76
141	Impact of Longevity Interventions on a Validated Mouse Clinical Frailty Index. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 333-339.	1.7	122
142	Conditioned medium derived from rat amniotic epithelial cells confers protection against inflammation, cancer, and senescence. Oncotarget, 2016, 7, 39051-39064.	0.8	19
143	miR-27b inhibits LDLR and ABCA1 expression but does not influence plasma and hepatic lipid levels in mice. Atherosclerosis, 2015, 243, 499-509.	0.4	53
144	Interventions to Slow Aging in Humans: Are We Ready?. Aging Cell, 2015, 14, 497-510.	3.0	481

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145	Circular RNAs in monkey muscle: age-dependent changes. Aging, 2015, 7, 903-910.	1.4	104
146	GH Receptor Deficiency in Ecuadorian Adults Is Associated With Obesity and Enhanced Insulin Sensitivity. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 2589-2596.	1.8	54
147	Macronutrients and caloric intake in health and longevity. Journal of Endocrinology, 2015, 226, R17-R28.	1.2	110
148	Dietary Protein to Carbohydrate Ratio and Caloric Restriction: Comparing Metabolic Outcomes in Mice. Cell Reports, 2015, 11, 1529-1534.	2.9	169
149	Reconsidering the Role of Mitochondria in Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 1334-1342.	1.7	196
150	Factors that Impact on Interrater Reliability of the Mouse Clinical Frailty Index. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 694-695.	1.7	19
151	Dietary Fat and Aging Modulate Apoptotic Signaling in Liver of Calorie-Restricted Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 399-409.	1.7	13
152	Resveratrol supplementation: Where are we now and where should we go?. Ageing Research Reviews, 2015, 21, 1-15.	5.0	193
153	SIRT1 Synchs Satellite Cell Metabolism with Stem Cell Fate. Cell Stem Cell, 2015, 16, 103-104.	5.2	8
154	Reduced Expression of MYC Increases Longevity and Enhances Healthspan. Cell, 2015, 160, 477-488.	13.5	238
155	The Mitochondrial-Derived Peptide MOTS-c Promotes Metabolic Homeostasis and Reduces Obesity and Insulin Resistance. Cell Metabolism, 2015, 21, 443-454.	7.2	464
156	Animal Models of Aging Research: Implications for Human Aging and Age-Related Diseases. Annual Review of Animal Biosciences, 2015, 3, 283-303.	3.6	233
157	The effect of aging on mitochondrial and cytosolic hepatic intrinsic death pathway and apoptosis associated proteins in Fischer 344 rats. Experimental Gerontology, 2015, 67, 54-61.	1.2	9
158	Pharmacological Inhibition of PI3K Reduces Adiposity and Metabolic Syndrome in Obese Mice and Rhesus Monkeys. Cell Metabolism, 2015, 21, 558-570.	7.2	79
159	The influence of dietary fat source on liver and skeletal muscle mitochondrial modifications and lifespan changes in calorie-restricted mice. Biogerontology, 2015, 16, 655-670.	2.0	19
160	Genome-wide identification of microRNAs regulating cholesterol and triglyceride homeostasis. Nature Medicine, 2015, 21, 1290-1297.	15.2	214
161	In vitro caloric restriction induces protective genes and functional rejuvenation in senescent SAMP 8 astrocytes. Aging Cell, 2015, 14, 334-344.	3.0	16
162	Two-Year Trial of Human Caloric Restriction. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 1095-1096.	1.7	0

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163	MicroRNA-148a regulates LDL receptor and ABCA1 expression to control circulating lipoprotein levels. Nature Medicine, 2015, 21, 1280-1289.	15.2	203
164	Energy â€“ A Hallmark of Physical Function. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 1333-1333.	1.7	1
165	Sirtuin1 Suppresses Osteoclastogenesis by Deacetylating FoxOs. Molecular Endocrinology, 2015, 29, 1498-1509.	3.7	84
166	Serum from calorie-restricted animals delays senescence and extends the lifespan of normal human fibroblasts in vitro. Aging, 2015, 7, 152-166.	1.4	20
167	Caloric restriction induces heat shock response and inhibits B16F10 cell tumorigenesis both in vitro and in vivo. Aging, 2015, 7, 233-240.	1.4	6
168	History of the Study of Calorie Restriction in Nonhuman Primates Conducted by the National Institute on Aging: The First Decade. Healthy Ageing and Longevity, 2015, , 245-275.	0.2	1
169	Involvement of JNK in TNFÎ± driven remodelling. , 2015, , .		1
170	The Effect of Aging on Acetaminophen Pharmacokinetics, Toxicity and Nrf2 in Fischer 344 Rats. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, 387-397.	1.7	15
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