Rozalyn M Anderson

List of Publications by Year
in descending order

53 papers	5,707 citations	218677 26 h-index	175258 52 g-index
57 all docs	57 docs citations	57 times ranked	7604 citing authors

#	Article	IF	Citations
1	Can we make drug discovery targeting fundamental mechanisms of aging a reality?. Expert Opinion on Drug Discovery, 2022, 17, 97-100.	5.0	6
2	Caloric restriction has a new player. Science, 2022, 375, 620-621.	12.6	6
3	Adiponectin receptor agonist AdipoRon improves skeletal muscle function in aged mice. ELife, 2022, 11, .	6.0	18
4	Resilience integrates concepts in aging research. IScience, 2022, 25, 104199.	4.1	9
5	Nutrition, longevity and disease: From molecular mechanisms to interventions. Cell, 2022, 185, 1455-1470.	28.9	129
6	Cell-to-cell variation in gene expression and the aging process. GeroScience, 2021, 43, 181-196.	4.6	16
7	Rhesus monkeys as a translational model for lateâ€onset Alzheimer's disease. Aging Cell, 2021, 20, e13374.	6.7	10
8	Taking the long view on metabolism. Science, 2021, 373, 738-739.	12.6	5
9	Antiaging Therapies, Cognitive Impairment, and Dementia. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1643-1652.	3.6	14
10	Alpha-Ketoglutarate, the Metabolite that Regulates Aging in Mice. Cell Metabolism, 2020, 32, 323-325.	16.2	14
11	Untangling Determinants of Enhanced Health and Lifespan through a Multi-omics Approach in Mice. Cell Metabolism, 2020, 32, 100-116.e4.	16.2	85
12	Molecular and Functional Networks Linked to Sarcopenia Prevention by Caloric Restriction in Rhesus Monkeys. Cell Systems, 2020, 10, 156-168.e5.	6.2	31
13	COVID-19 Through the Lens of Gerontology. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, e119-e120.	3.6	80
14	An expanding GSK3 network: implications for aging research. GeroScience, 2019, 41, 369-382.	4.6	58
15	PGCâ€1a integrates a metabolism and growth network linked to caloric restriction. Aging Cell, 2019, 18, e12999.	6.7	25
16	Acetyl-CoA flux regulates the proteome and acetyl-proteome to maintain intracellular metabolic crosstalk. Nature Communications, 2019, 10, 3929.	12.8	28
17	Mitochondrial regulator PGC-1aâ€"Modulating the modulator. Current Opinion in Endocrine and Metabolic Research, 2019, 5, 37-44.	1.4	50
18	Top-down Mass Spectrometry of Sarcomeric Protein Post-translational Modifications from Non-human Primate Skeletal Muscle. Journal of the American Society for Mass Spectrometry, 2019, 30, 2460-2469.	2.8	26

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19	Daily Fasting Improves Health and Survival in Male Mice Independent of Diet Composition and Calories. Cell Metabolism, 2019, 29, 221-228.e3.	16.2	210
20	Caloric Restriction Engages Hepatic RNA Processing Mechanisms in Rhesus Monkeys. Cell Metabolism, 2018, 27, 677-688.e5.	16.2	56
21	Sex and Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 139-140.	3.6	13
22	Caloric Restriction Research: New Perspectives on the Biology of Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 1-3.	3.6	22
23	Journal of Gerontology: Biological Sciences. A Long Tradition in Advancing Aging Biology and Translational Gerontology. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 271-272.	3.6	2
24	Caloric Restriction and Healthy Life Span: Frail Phenotype of Nonhuman Primates in the Wisconsin National Primate Research Center Caloric Restriction Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 273-278.	3.6	50
25	GSK3Î² Regulates Brain Energy Metabolism. Cell Reports, 2018, 23, 1922-1931.e4.	6.4	55
26	Increased transport of acetylâ€CoA into the endoplasmic reticulum causes a progeriaâ€like phenotype. Aging Cell, 2018, 17, e12820.	6.7	38
27	Electrical Properties Assessed by Bioelectrical Impedance Spectroscopy as Biomarkers of Age-related Loss of Skeletal Muscle Quantity and Quality. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, glw225.	3.6	62
28	Caloric restriction improves health and survival of rhesus monkeys. Nature Communications, 2017, 8, 14063.	12.8	626
29	Nutrition, metabolism, and targeting aging in nonhuman primates. Ageing Research Reviews, 2017, 39, 29-35.	10.9	20
30	Aging and caloric restriction impact adipose tissue, adiponectin, and circulating lipids. Aging Cell, 2017, 16, 497-507.	6.7	94
31	Stem Cell Transplantation for Frailty. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 1503-1504.	3.6	13
32	Metabolic adventures in aging research. Molecular and Cellular Endocrinology, 2017, 455, 1-3.	3.2	1
33	Caloric restriction impacts plasma micro<scp>RNA</scp>s in rhesus monkeys. Aging Cell, 2017, 16, 1200-1203.	6.7	27
34	Aging and Caloric Restriction Research: A Biological Perspective With Translational Potential. EBioMedicine, 2017, 21, 37-44.	6.1	115
35	Regional metabolic heterogeneity of the hippocampus is nonuniformly impacted by age and caloric restriction. Aging Cell, 2016, 15, 100-110.	6.7	27
36	Hepatic oleate regulates adipose tissue lipogenesis and fatty acid oxidation. Journal of Lipid Research, 2015, 56, 304-318.	4.2	49

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37	Plasma diacylglycerol composition is a biomarker of metabolic syndrome onset in rhesus monkeys. Journal of Lipid Research, 2015, 56, 1461-1470.	4.2	19
38	A Conserved Transcriptional Signature of Delayed Aging and Reduced Disease Vulnerability Is Partially Mediated by SIRT3. PLoS ONE, 2015, 10, e0120738.	2.5	29
39	Caloric restriction reduces age-related and all-cause mortality in rhesus monkeys. Nature Communications, 2014, 5, 3557.	12.8	579
40	Long-term calorie restriction decreases metabolic cost of movement and prevents decrease of physical activity during aging in rhesus monkeys. Experimental Gerontology, 2013, 48, 1226-1235.	2.8	55
41	Calorie restriction attenuates astrogliosis but not amyloid plaque load in aged rhesus macaques: A preliminary quantitative imaging study. Brain Research, 2013, 1508, 1-8.	2.2	20
42	A shift in energy metabolism anticipates the onset of sarcopenia in rhesus monkeys. Aging Cell, 2013, 12, 672-681.	6.7	66
43	A Role for Dicer in Aging and Stress Survival. Cell Metabolism, 2012, 16, 285-286.	16.2	7
44	The caloric restriction paradigm: Implications for healthy human aging. American Journal of Human Biology, 2012, 24, 101-106.	1.6	130
45	Cellular adaptation contributes to calorie restriction-induced preservation of skeletal muscle in aged rhesus monkeys. Experimental Gerontology, 2012, 47, 229-236.	2.8	48
46	Nonhuman Primate Calorie Restriction. Antioxidants and Redox Signaling, 2011, 14, 229-239.	5.4	62
47	Prospects and Perspectives in Primate Aging Research. Antioxidants and Redox Signaling, 2011, 14, 203-205.	5.4	10
48	Metabolic reprogramming, caloric restriction and aging. Trends in Endocrinology and Metabolism, 2010, 21, 134-141.	7.1	233
49	Caloric Restriction Delays Disease Onset and Mortality in Rhesus Monkeys. Science, 2009, 325, 201-204.	12.6	2,016
50	Dynamic regulation of PGCâ€1Î± localization and turnover implicates mitochondrial adaptation in calorie restriction and the stress response. Aging Cell, 2008, 7, 101-111.	6.7	250
51	Metabolic Shifts Induced by Caloric Restriction. FASEB Journal, 2007, 21, A153.	0.5	0
52	Calorie restriction: Progress during mid-2005â€“mid-2006. Experimental Gerontology, 2006, 41, 1247-1249.	2.8	16
53	Metabolic Reprogramming in Dietary Restriction. , 2006, 35, 18-38.		54