Donald K Ingram

List of Publications by Year
in descending order

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67	13,569	71102	106344
papers	citations	41 h-index	65 g-index

70	70	70	14404
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Resveratrol improves health and survival of mice on a high-calorie diet. Nature, 2006, 444, 337-342.	27.8	3,882
2	Metformin improves healthspan and lifespan in mice. Nature Communications, 2013, 4, 2192.	12.8	1,118
3	Resveratrol Delays Age-Related Deterioration and Mimics Transcriptional Aspects of Dietary Restriction without Extending Life Span. Cell Metabolism, 2008, 8, 157-168.	16.2	1,060
4	Impact of caloric restriction on health and survival in rhesus monkeys from the NIA study. Nature, 2012, 489, 318-321.	27.8	973
5	Caloric restriction improves health and survival of rhesus monkeys. Nature Communications, 2017, 8, 14063.	12.8	626
6	Intermittent fasting dissociates beneficial effects of dietary restriction on glucose metabolism and neuronal resistance to injury from calorie intake. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6216-6220.	7.1	599
7	Interventions to Slow Aging in Humans: Are We Ready?. Aging Cell, 2015, 14, 497-510.	6.7	481
8	Calorie restriction mimetics: an emerging research field. Aging Cell, 2006, 5, 97-108.	6.7	372
9	Biomarkers of Caloric Restriction May Predict Longevity in Humans. Science, 2002, 297, 811-811.	12.6	368
10	Effects of Sex, Strain, and Energy Intake on Hallmarks of Aging in Mice. Cell Metabolism, 2016, 23, 1093-1112.	16.2	360
11	Dietary Restriction Increases the Number of Newly Generated Neural Cells, and Induces BDNF Expression, in the Dentate Gyrus of Rats. Journal of Molecular Neuroscience, 2000, 15, 99-108.	2.3	343
12	Overexpression of dopamine D2 receptors reduces alcohol self-administration. Journal of Neurochemistry, 2001, 78, 1094-1103.	3.9	272
13	Caloric Restriction in Primates and Relevance to Humans. Annals of the New York Academy of Sciences, 2001, 928, 305-315.	3.8	193
14	Development of Calorie Restriction Mimetics as a Prolongevity Strategy. Annals of the New York Academy of Sciences, 2004, 1019, 412-423.	3.8	191
15	Phenserine and ring C hetero-analogues: Drug candidates for the treatment of Alzheimer's disease. Medicinal Research Reviews, 1995, 15, 3-31.	10.5	188
16	Calorie Restriction in Primates: Will It Work and How Will We Know?. Journal of the American Geriatrics Society, 1999, 47, 896-903.	2.6	169
17	Cognitive and neuroprotective effects of chlorogenic acid. Nutritional Neuroscience, 2017, 20, 32-39.	3.1	132
18	Calorie restriction mimetics: Can you have your cake and eat it, too?. Ageing Research Reviews, 2015, 20, 46-62.	10.9	130

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19	Metformin Supplementation and Life Span in Fischer-344 Rats. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2010, 65A, 468-474.	3.6	125
20	Chronic ingestion of 2-deoxy-d-glucose induces cardiac vacuolization and increases mortality in rats. Toxicology and Applied Pharmacology, 2010, 243, 332-339.	2.8	112
21	2-Deoxy-D-Glucose Feeding in Rats Mimics Physiologic Effects of Calorie Restriction. Rejuvenation Research, 1998, 1, 327-337.	0.2	106
22	Toward the behavioral assessment of biological aging in the laboratory mouse: Concepts, terminology, and objectives. Experimental Aging Research, 1983, 9, 225-238.	1.2	100
23	Calorie restriction in rodents: Caveats to consider. Ageing Research Reviews, 2017, 39, 15-28.	10.9	98
24	Glycolytic inhibition as a strategy for developing calorie restriction mimetics. Experimental Gerontology, 2011, 46, 148-154.	2.8	96
25	The potential for dietary restriction to increase longevity in humans: extrapolation from monkey studies. Biogerontology, 2006, 7, 143-148.	3.9	86
26	Effects of intermittent feeding upon growth, activity, and lifespan in rats allowed voluntary exercise. Experimental Aging Research, 1983, 9, 203-209.	1.2	81
27	Beyond the rodent model: Calorie restriction in rhesus monkeys. Age, 1997, 20, 45-56.	3.0	78
28	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.	3.6	76
29	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.	2.2	73
30	Caloric Restriction Mimetics: The Next Phase. Annals of the New York Academy of Sciences, 2005, 1057, 365-371.	3.8	69
31	Slowing ageing by caloric restriction. Nature Medicine, 1995, 1, 414-415.	30.7	64
32	Assessing the predictive validity of psychomotor tests as measures of biological age in mice. Experimental Aging Research, 1986, 12, 155-162.	1.2	61
33	Manipulation of caloric content but not diet composition, attenuates the deficit in learning and memory of senescence-accelerated mouse strain P8. Experimental Gerontology, 2008, 43, 339-346.	2.8	55
34	Age and Strain Comparisons of Neurotransmitter Synthetic Enzyme Activities in the Mouse. Journal of Neurochemistry, 1983, 41, 1421-1428.	3.9	53
35	Laminins in the adult and aged brain. Molecular and Chemical Neuropathology, 1996, 28, 209-218.	1.0	52
36	Influence of Dietary Carbohydrate on the Induction of Diabetes in C57BL/KsJ-db/db Diabetes Mice. Journal of Nutrition, 1983, 113, 184-195.	2.9	51

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37	Effect of calorie restriction and refeeding on skin wound healing in the rat. Age, 2012, 34, 1453-1458.	3.0	49
38	Changes in blood chemistry and hematology variables during aging in captive rhesus macaques (Macaca mulatta). Journal of Medical Primatology, 2001, 30, 161-173.	0.6	48
39	Measures of body size and growth in rhesus and squirrel monkeys subjected to long-term dietary restriction. American Journal of Primatology, 1995, 35, 207-228.	1.7	44
40	The prolongevity effect of resveratrol depends on dietary composition and calorie intake in a tephritid fruit fly. Experimental Gerontology, 2009, 44, 472-476.	2.8	44
41	Manipulation of health span and function by dietary caloric restriction mimetics. Annals of the New York Academy of Sciences, 2016, 1363, 5-10.	3.8	42
42	Caloric restriction increases HDL2levels in rhesus monkeys (Macaca mulatta). American Journal of Physiology - Endocrinology and Metabolism, 1997, 273, E714-E719.	3.5	41
43	Cognitive Enhancement.. Annals of the New York Academy of Sciences, 1996, 786, 348-361.	3.8	38
44	Plasma Concentrations of Glucose, Insulin, and Percent Glycosylated Hemoglobin Are Unaltered by Food Restriction in Rhesus and Squirrel Monkeys. Journal of Gerontology, 1992, 47, B9-B12.	1.9	34
45	Motor Performance Variability during Aging in Rodents Assessment of Reliability and Validity of Individual Differences. Annals of the New York Academy of Sciences, 1988, 515, 70-96.	3.8	33
46	Improving healthspan via changes in gut microbiota and fermentation. Age, 2015, 37, 98.	3.0	33
47	Age-associated Memory Impairment: Assessing the Role of Nitric Oxide. Annals of the New York Academy of Sciences, 1998, 854, 307-317.	3.8	30
48	Aging and Caloric Restriction in Nonhuman Primates. Annals of the New York Academy of Sciences, 2001, 928, 316-326.	3.8	29
49	Phosphodiesterase inhibition facilitates cognitive restoration in rodent models of age-related memory decline. NeuroRehabilitation, 2014, 34, 101-111.	1.3	28
50	Glycolytic inhibition: an effective strategy for developing calorie restriction mimetics. GeroScience, 2021, 43, 1159-1169.	4.6	27
51	Initiation of calorie restriction in middle-aged male rats attenuates aging-related motoric decline and bradykinesia without increased striatal dopamine. Neurobiology of Aging, 2016, 37, 192-207.	3.1	23
52	Accuracy and precision of dual-energy X-ray absorptiometry for body composition measurements in rhesus monkeys*. Journal of Medical Primatology, 2001, 30, 94-99.	0.6	22
53	Influence of age, sex, and dietary restriction on intracellular free calcium responses of CD4+ lymphocytes in rhesus monkeys (Macaca mulatta). Journal of Cellular Physiology, 1995, 162, 298-303.	4.1	18
54	Progress in the Development of Caloric Restriction Mimetic Dietary Supplements. Rejuvenation Research, 2001, 4, 225-232.	0.2	15

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55	Behavioral comparison of aged virgin and retired breeder mice. Experimental Aging Research, 1983, 9, 111-113.	1.2	11
56	Effects of Inescapable Shock on Maze Performance as a Function of Age in Mice. Experimental Aging Research, 1986, 12, 39-42.	1.2	9
57	Effects of Reducing Norepinephrine Levels via DSP4 Treatment on Amyloid-Î² Pathology in Female Rhesus Macaques (Macaca Mulatta). Journal of Alzheimer's Disease, 2019, 68, 115-126.	2.6	9
58	Effects of protein, dietary restriction, and exercise on survival in adult rats: A re-analysis of McCay, Maynard, Sperling, and Osgood [1941]. Experimental Aging Research, 1983, 9, 41-42.	1.2	8
59	Modulation of nigral dopamine signaling mitigates parkinsonian signs of aging: evidence from intervention with calorie restriction or inhibition of dopamine uptake. GeroScience, 2023, 45, 45-63.	4.6	7
60	Biological activity of avocadoâ€derived mannoheptulose in dogs. FASEB Journal, 2010, 24, 725.4.	0.5	6
61	Characterization and Mechanisms of Action of Avocado Extract Enriched in Mannoheptulose as a Candidate Calorie Restriction Mimetic. Journal of Agricultural and Food Chemistry, 2021, 69, 7367-7376.	5.2	5
62	Bioavailability of avocadoâ€derived mannoheptulose in dogs. FASEB Journal, 2010, 24, 725.3.	0.5	4
63	An Avocado Extract Enriched in Mannoheptulose Prevents the Negative Effects of a High-Fat Diet in Mice. Nutrients, 2022, 14, 155.	4.1	4
64	Metabolic pathways and therapeutics to promote resilience, rehabilitation and delayed aging. GeroScience, 2021, 43, 1069-1070.	4.6	3
65	Calorie Restriction Mimetics: Progress and Potential. Healthy Ageing and Longevity, 2015, , 211-243.	0.2	2
66	Overexpression of dopamine D2 receptors reduces alcohol self-administration. Journal of Neurochemistry, 2008, 79, 462-462.	3.9	1
67	Calorie Restriction Mimetics. , 2018, , 322-322.		0