

Donald K Ingram

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

13,569
citations

81434

41
h-index

120465

65
g-index

70
all docs

70
docs citations

70
times ranked

15880
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulation of nigral dopamine signaling mitigates parkinsonian signs of aging: evidence from intervention with calorie restriction or inhibition of dopamine uptake. <i>GeroScience</i> , 2023, 45, 45-63.	2.1	7
2	An Avocado Extract Enriched in Mannoheptulose Prevents the Negative Effects of a High-Fat Diet in Mice. <i>Nutrients</i> , 2022, 14, 155.	1.7	4
3	Glycolytic inhibition: an effective strategy for developing calorie restriction mimetics. <i>GeroScience</i> , 2021, 43, 1159-1169.	2.1	27
4	Metabolic pathways and therapeutics to promote resilience, rehabilitation and delayed aging. <i>GeroScience</i> , 2021, 43, 1069-1070.	2.1	3
5	Characterization and Mechanisms of Action of Avocado Extract Enriched in Mannoheptulose as a Candidate Calorie Restriction Mimetic. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 7367-7376.	2.4	5
6	Effects of Reducing Norepinephrine Levels via DSP4 Treatment on Amyloid- β Pathology in Female Rhesus Macaques (<i>Macaca Mulatta</i>). <i>Journal of Alzheimer's Disease</i> , 2019, 68, 115-126.	1.2	9
7	Calorie Restriction Mimetics. , 2018, , 322-322.		0
8	Cognitive and neuroprotective effects of chlorogenic acid. <i>Nutritional Neuroscience</i> , 2017, 20, 32-39.	1.5	132
9	Caloric restriction improves health and survival of rhesus monkeys. <i>Nature Communications</i> , 2017, 8, 14063.	5.8	626
10	Calorie restriction in rodents: Caveats to consider. <i>Ageing Research Reviews</i> , 2017, 39, 15-28.	5.0	98
11	Effects of Sex, Strain, and Energy Intake on Hallmarks of Aging in Mice. <i>Cell Metabolism</i> , 2016, 23, 1093-1112.	7.2	360
12	Manipulation of health span and function by dietary caloric restriction mimetics. <i>Annals of the New York Academy of Sciences</i> , 2016, 1363, 5-10.	1.8	42
13	Prolonged metformin treatment leads to reduced transcription of Nrf2 and neurotrophic factors without cognitive impairment in older C57BL/6J mice. <i>Behavioural Brain Research</i> , 2016, 301, 1-9.	1.2	73
14	Initiation of calorie restriction in middle-aged male rats attenuates aging-related motoric decline and bradykinesia without increased striatal dopamine. <i>Neurobiology of Aging</i> , 2016, 37, 192-207.	1.5	23
15	Measures of Healthspan as Indices of Aging in Mice—A Recommendation. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 427-430.	1.7	76
16	Interventions to Slow Aging in Humans: Are We Ready?. <i>Ageing Cell</i> , 2015, 14, 497-510.	3.0	481
17	Improving healthspan via changes in gut microbiota and fermentation. <i>Age</i> , 2015, 37, 98.	3.0	33
18	Calorie restriction mimetics: Can you have your cake and eat it, too?. <i>Ageing Research Reviews</i> , 2015, 20, 46-62.	5.0	130

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19	Calorie Restriction Mimetics: Progress and Potential. <i>Healthy Ageing and Longevity</i> , 2015, , 211-243.	0.2	2
20	Phosphodiesterase inhibition facilitates cognitive restoration in rodent models of age-related memory decline. <i>NeuroRehabilitation</i> , 2014, 34, 101-111.	0.5	28
21	Metformin improves healthspan and lifespan in mice. <i>Nature Communications</i> , 2013, 4, 2192.	5.8	1,118
22	Effect of calorie restriction and refeeding on skin wound healing in the rat. <i>Age</i> , 2012, 34, 1453-1458.	3.0	49
23	Impact of caloric restriction on health and survival in rhesus monkeys from the NIA study. <i>Nature</i> , 2012, 489, 318-321.	13.7	973
24	Glycolytic inhibition as a strategy for developing calorie restriction mimetics. <i>Experimental Gerontology</i> , 2011, 46, 148-154.	1.2	96
25	Chronic ingestion of 2-deoxy-d-glucose induces cardiac vacuolization and increases mortality in rats. <i>Toxicology and Applied Pharmacology</i> , 2010, 243, 332-339.	1.3	112
26	Metformin Supplementation and Life Span in Fischer-344 Rats. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010, 65A, 468-474.	1.7	125
27	Bioavailability of avocado-derived mannoheptulose in dogs. <i>FASEB Journal</i> , 2010, 24, 725.3.	0.2	4
28	Biological activity of avocado-derived mannoheptulose in dogs. <i>FASEB Journal</i> , 2010, 24, 725.4.	0.2	6
29	The prolongevity effect of resveratrol depends on dietary composition and calorie intake in a tephritid fruit fly. <i>Experimental Gerontology</i> , 2009, 44, 472-476.	1.2	44
30	Overexpression of dopamine D2 receptors reduces alcohol self-administration. <i>Journal of Neurochemistry</i> , 2008, 79, 462-462.	2.1	1
31	Manipulation of caloric content but not diet composition, attenuates the deficit in learning and memory of senescence-accelerated mouse strain P8. <i>Experimental Gerontology</i> , 2008, 43, 339-346.	1.2	55
32	Resveratrol Delays Age-Related Deterioration and Mimics Transcriptional Aspects of Dietary Restriction without Extending Life Span. <i>Cell Metabolism</i> , 2008, 8, 157-168.	7.2	1,060
33	Calorie restriction mimetics: an emerging research field. <i>Aging Cell</i> , 2006, 5, 97-108.	3.0	372
34	Resveratrol improves health and survival of mice on a high-calorie diet. <i>Nature</i> , 2006, 444, 337-342.	13.7	3,882
35	The potential for dietary restriction to increase longevity in humans: extrapolation from monkey studies. <i>Biogerontology</i> , 2006, 7, 143-148.	2.0	86
36	Caloric Restriction Mimetics: The Next Phase. <i>Annals of the New York Academy of Sciences</i> , 2005, 1057, 365-371.	1.8	69

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37	Development of Calorie Restriction Mimetics as a Prolongevity Strategy. <i>Annals of the New York Academy of Sciences</i> , 2004, 1019, 412-423.	1.8	191
38	Intermittent fasting dissociates beneficial effects of dietary restriction on glucose metabolism and neuronal resistance to injury from calorie intake. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6216-6220.	3.3	599
39	Biomarkers of Caloric Restriction May Predict Longevity in Humans. <i>Science</i> , 2002, 297, 811-811.	6.0	368
40	Overexpression of dopamine D2 receptors reduces alcohol self-administration. <i>Journal of Neurochemistry</i> , 2001, 78, 1094-1103.	2.1	272
41	Accuracy and precision of dual-energy X-ray absorptiometry for body composition measurements in rhesus monkeys*. <i>Journal of Medical Primatology</i> , 2001, 30, 94-99.	0.3	22
42	Changes in blood chemistry and hematology variables during aging in captive rhesus macaques (<i>Macaca mulatta</i>). <i>Journal of Medical Primatology</i> , 2001, 30, 161-173.	0.3	48
43	Progress in the Development of Caloric Restriction Mimetic Dietary Supplements. <i>Rejuvenation Research</i> , 2001, 4, 225-232.	0.2	15
44	Caloric Restriction in Primates and Relevance to Humans. <i>Annals of the New York Academy of Sciences</i> , 2001, 928, 305-315.	1.8	193
45	Aging and Caloric Restriction in Nonhuman Primates. <i>Annals of the New York Academy of Sciences</i> , 2001, 928, 316-326.	1.8	29
46	Dietary Restriction Increases the Number of Newly Generated Neural Cells, and Induces BDNF Expression, in the Dentate Gyrus of Rats. <i>Journal of Molecular Neuroscience</i> , 2000, 15, 99-108.	1.1	343
47	Calorie Restriction in Primates: Will It Work and How Will We Know?. <i>Journal of the American Geriatrics Society</i> , 1999, 47, 896-903.	1.3	169
48	Age-associated Memory Impairment: Assessing the Role of Nitric Oxide. <i>Annals of the New York Academy of Sciences</i> , 1998, 854, 307-317.	1.8	30
49	2-Deoxy-D-Glucose Feeding in Rats Mimics Physiologic Effects of Calorie Restriction. <i>Rejuvenation Research</i> , 1998, 1, 327-337.	0.2	106
50	Caloric restriction increases HDL2 levels in rhesus monkeys (<i>Macaca mulatta</i>). <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1997, 273, E714-E719.	1.8	41
51	Beyond the rodent model: Calorie restriction in rhesus monkeys. <i>Age</i> , 1997, 20, 45-56.	3.0	78
52	Cognitive Enhancement.. <i>Annals of the New York Academy of Sciences</i> , 1996, 786, 348-361.	1.8	38
53	Laminins in the adult and aged brain. <i>Molecular and Chemical Neuropathology</i> , 1996, 28, 209-218.	1.0	52
54	Measures of body size and growth in rhesus and squirrel monkeys subjected to long-term dietary restriction. <i>American Journal of Primatology</i> , 1995, 35, 207-228.	0.8	44

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55	Phenserine and ring C hetero-analogues: Drug candidates for the treatment of Alzheimer's disease. <i>Medicinal Research Reviews</i> , 1995, 15, 3-31.	5.0	188
56	Influence of age, sex, and dietary restriction on intracellular free calcium responses of CD4+ lymphocytes in rhesus monkeys (<i>Macaca mulatta</i>). <i>Journal of Cellular Physiology</i> , 1995, 162, 298-303.	2.0	18
57	Slowing ageing by caloric restriction. <i>Nature Medicine</i> , 1995, 1, 414-415.	15.2	64
58	Plasma Concentrations of Glucose, Insulin, and Percent Glycosylated Hemoglobin Are Unaltered by Food Restriction in Rhesus and Squirrel Monkeys. <i>Journal of Gerontology</i> , 1992, 47, B9-B12.	2.0	34
59	Motor Performance Variability during Aging in Rodents Assessment of Reliability and Validity of Individual Differences. <i>Annals of the New York Academy of Sciences</i> , 1988, 515, 70-96.	1.8	33
60	Effects of Inescapable Shock on Maze Performance as a Function of Age in Mice. <i>Experimental Aging Research</i> , 1986, 12, 39-42.	0.6	9
61	Assessing the predictive validity of psychomotor tests as measures of biological age in mice. <i>Experimental Aging Research</i> , 1986, 12, 155-162.	0.6	61
62	Age and Strain Comparisons of Neurotransmitter Synthetic Enzyme Activities in the Mouse. <i>Journal of Neurochemistry</i> , 1983, 41, 1421-1428.	2.1	53
63	Effects of intermittent feeding upon growth, activity, and lifespan in rats allowed voluntary exercise. <i>Experimental Aging Research</i> , 1983, 9, 203-209.	0.6	81
64	Toward the behavioral assessment of biological aging in the laboratory mouse: Concepts, terminology, and objectives. <i>Experimental Aging Research</i> , 1983, 9, 225-238.	0.6	100
65	Effects of protein, dietary restriction, and exercise on survival in adult rats: A re-analysis of McCay, Maynard, Sperling, and Osgood [1941]. <i>Experimental Aging Research</i> , 1983, 9, 41-42.	0.6	8
66	Behavioral comparison of aged virgin and retired breeder mice. <i>Experimental Aging Research</i> , 1983, 9, 111-113.	0.6	11
67	Influence of Dietary Carbohydrate on the Induction of Diabetes in C57BL/KsJ-db/db Diabetes Mice. <i>Journal of Nutrition</i> , 1983, 113, 184-195.	1.3	51