

# Valter D Longo

## List of Publications by Year in descending order

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159  
papers

25,733  
citations

11651

70  
h-index

7745

150  
g-index

190  
all docs

190  
docs citations

190  
times ranked

22475  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extending Healthy Life Span—From Yeast to Humans. <i>Science</i> , 2010, 328, 321-326.	12.6	2,493
2	Fasting: Molecular Mechanisms and Clinical Applications. <i>Cell Metabolism</i> , 2014, 19, 181-192.	16.2	1,001
3	Biodemographic Trajectories of Longevity. <i>Science</i> , 1998, 280, 855-860.	12.6	918
4	Regulation of Longevity and Stress Resistance by Sch9 in Yeast. <i>Science</i> , 2001, 292, 288-290.	12.6	812
5	Low Protein Intake Is Associated with a Major Reduction in IGF-1, Cancer, and Overall Mortality in the 65 and Younger but Not Older Population. <i>Cell Metabolism</i> , 2014, 19, 407-417.	16.2	715
6	Impact of intermittent fasting on health and disease processes. <i>Ageing Research Reviews</i> , 2017, 39, 46-58.	10.9	703
7	A Periodic Diet that Mimics Fasting Promotes Multi-System Regeneration, Enhanced Cognitive Performance, and Healthspan. <i>Cell Metabolism</i> , 2015, 22, 86-99.	16.2	635
8	Fasting, Circadian Rhythms, and Time-Restricted Feeding in Healthy Lifespan. <i>Cell Metabolism</i> , 2016, 23, 1048-1059.	16.2	628
9	Growth Hormone Receptor Deficiency Is Associated with a Major Reduction in Pro-Aging Signaling, Cancer, and Diabetes in Humans. <i>Science Translational Medicine</i> , 2011, 3, 70ra13.	12.4	612
10	Sirtuins in Aging and Age-Related Disease. <i>Cell</i> , 2006, 126, 257-268.	28.9	583
11	Evolutionary Medicine: From Dwarf Model Systems to Healthy Centenarians?. <i>Science</i> , 2003, 299, 1342-1346.	12.6	551
12	Fasting Cycles Retard Growth of Tumors and Sensitize a Range of Cancer Cell Types to Chemotherapy. <i>Science Translational Medicine</i> , 2012, 4, 124ra27.	12.4	531
13	Replicative and Chronological Aging in <i>Saccharomyces cerevisiae</i> . <i>Cell Metabolism</i> , 2012, 16, 18-31.	16.2	509
14	Association of Animal and Plant Protein Intake With All-Cause and Cause-Specific Mortality. <i>JAMA Internal Medicine</i> , 2016, 176, 1453.	5.1	486
15	Interventions to Slow Aging in Humans: Are We Ready?. <i>Ageing Cell</i> , 2015, 14, 497-510.	6.7	481
16	Starvation-dependent differential stress resistance protects normal but not cancer cells against high-dose chemotherapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8215-8220.	7.1	471
17	Superoxide Dismutase Activity Is Essential for Stationary Phase Survival in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 1996, 271, 12275-12280.	3.4	469
18	The chronological life span of <i>Saccharomyces cerevisiae</i> . <i>Ageing Cell</i> , 2003, 2, 73-81.	6.7	437

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19	Meal frequency and timing in health and disease. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16647-16653.	7.1	413
20	Life Span Extension by Calorie Restriction Depends on Rim15 and Transcription Factors Downstream of Ras/PKA, Tor, and Sch9. PLoS Genetics, 2008, 4, e13.	3.5	378
21	A Diet Mimicking Fasting Promotes Regeneration and Reduces Autoimmunity and Multiple Sclerosis Symptoms. Cell Reports, 2016, 15, 2136-2146.	6.4	371
22	Sir2 Blocks Extreme Life-Span Extension. Cell, 2005, 123, 655-667.	28.9	369
23	Prolonged Fasting Reduces IGF-1/PKA to Promote Hematopoietic-Stem-Cell-Based Regeneration and Reverse Immunosuppression. Cell Stem Cell, 2014, 14, 810-823.	11.1	369
24	Fasting-mimicking diet and markers/risk factors for aging, diabetes, cancer, and cardiovascular disease. Science Translational Medicine, 2017, 9, .	12.4	363
25	Superoxide is a mediator of an altruistic aging program in <i>Saccharomyces cerevisiae</i> . Journal of Cell Biology, 2004, 166, 1055-1067.	5.2	344
26	Fasting and cancer: molecular mechanisms and clinical application. Nature Reviews Cancer, 2018, 18, 707-719.	28.4	324
27	Calorie restriction and cancer prevention: metabolic and molecular mechanisms. Trends in Pharmacological Sciences, 2010, 31, 89-98.	8.7	321
28	<i>SOD2</i> Functions Downstream of Sch9 to Extend Longevity in Yeast. Genetics, 2003, 163, 35-46.	2.9	312
29	Fasting and cancer treatment in humans: A case series report. Aging, 2009, 1, 988-1007.	3.1	305
30	Sirt1 Inhibition Reduces IGF-1/IRS-2/Ras/ERK1/2 Signaling and Protects Neurons. Cell Metabolism, 2008, 8, 38-48.	16.2	304
31	Fasting-Mimicking Diet Reduces HO-1 to Promote T-Cell-Mediated Tumor Cytotoxicity. Cancer Cell, 2016, 30, 136-146.	16.8	289
32	Fasting-Mimicking Diet Promotes Ngn3-Driven $\beta$ -Cell Regeneration to Reverse Diabetes. Cell, 2017, 168, 775-788.e12.	28.9	274
33	Programmed and altruistic ageing. Nature Reviews Genetics, 2005, 6, 866-872.	16.3	268
34	Somatotropic Signaling: Trade-Offs Between Growth, Reproductive Development, and Longevity. Physiological Reviews, 2013, 93, 571-598.	28.8	252
35	Reduced Levels of IGF-1 Mediate Differential Protection of Normal and Cancer Cells in Response to Fasting and Improve Chemotherapeutic Index. Cancer Research, 2010, 70, 1564-1572.	0.9	245
36	Peroxynitrite Mediates Neurotoxicity of Amyloid $\beta$ -Peptide <sup>42</sup> - and Lipopolysaccharide-Activated Microglia. Journal of Neuroscience, 2002, 22, 3484-3492.	3.6	241

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37	Dysregulated metabolism contributes to oncogenesis. <i>Seminars in Cancer Biology</i> , 2015, 35, S129-S150.	9.6	225
38	Designing a broad-spectrum integrative approach for cancer prevention and treatment. <i>Seminars in Cancer Biology</i> , 2015, 35, S276-S304.	9.6	220
39	Medical research: Treat ageing. <i>Nature</i> , 2014, 511, 405-407.	27.8	211
40	Mitochondrial Superoxide Decreases Yeast Survival in Stationary Phase. <i>Archives of Biochemistry and Biophysics</i> , 1999, 365, 131-142.	3.0	205
41	Human Bcl-2 Reverses Survival Defects in Yeast Lacking Superoxide Dismutase and Delays Death of Wild-Type Yeast. <i>Journal of Cell Biology</i> , 1997, 137, 1581-1588.	5.2	203
42	Protein and amino acid restriction, aging and disease: from yeast to humans. <i>Trends in Endocrinology and Metabolism</i> , 2014, 25, 558-566.	7.1	201
43	Fasting-mimicking diet and hormone therapy induce breast cancer regression. <i>Nature</i> , 2020, 583, 620-624.	27.8	198
44	Fasting-Mimicking Diet Modulates Microbiota and Promotes Intestinal Regeneration to Reduce Inflammatory Bowel Disease Pathology. <i>Cell Reports</i> , 2019, 26, 2704-2719.e6.	6.4	191
45	Tor1/Sch9-Regulated Carbon Source Substitution Is as Effective as Calorie Restriction in Life Span Extension. <i>PLoS Genetics</i> , 2009, 5, e1000467.	3.5	175
46	Fasting mimicking diet as an adjunct to neoadjuvant chemotherapy for breast cancer in the multicentre randomized phase 2 DIRECT trial. <i>Nature Communications</i> , 2020, 11, 3083.	12.8	173
47	Fasting Enhances the Response of Glioma to Chemo- and Radiotherapy. <i>PLoS ONE</i> , 2012, 7, e44603.	2.5	169
48	Safety and feasibility of fasting in combination with platinum-based chemotherapy. <i>BMC Cancer</i> , 2016, 16, 360.	2.6	153
49	The Chronological Life Span of <i>Saccharomyces cerevisiae</i> . <i>Methods in Molecular Biology</i> , 2007, 371, 89-95.	0.9	152
50	Genome-Wide Screen in <i>Saccharomyces cerevisiae</i> Identifies Vacuolar Protein Sorting, Autophagy, Biosynthetic, and tRNA Methylation Genes Involved in Life Span Regulation. <i>PLoS Genetics</i> , 2010, 6, e1001024.	3.5	144
51	Targeting Cancer Metabolism: Dietary and Pharmacologic Interventions. <i>Cancer Discovery</i> , 2016, 6, 1315-1333.	9.4	137
52	Nutrition, longevity and disease: From molecular mechanisms to interventions. <i>Cell</i> , 2022, 185, 1455-1470.	28.9	129
53	Fasting induces anti-Warburg effect that increases respiration but reduces ATP-synthesis to promote apoptosis in colon cancer models. <i>Oncotarget</i> , 2015, 6, 11806-11819.	1.8	127
54	Dietary restriction with and without caloric restriction for healthy aging. <i>F1000Research</i> , 2016, 5, 117.	1.6	126

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55	Fasting-Mimicking Diet Is Safe and Reshapes Metabolism and Antitumor Immunity in Patients with Cancer. <i>Cancer Discovery</i> , 2022, 12, 90-107.	9.4	124
56	Mutations in signal transduction proteins increase stress resistance and longevity in yeast, nematodes, fruit flies, and mammalian neuronal cells. <i>Neurobiology of Aging</i> , 1999, 20, 479-486.	3.1	115
57	Dietary protein restriction inhibits tumor growth in human xenograft models of prostate and breast cancer. <i>Oncotarget</i> , 2013, 4, 2451-2461.	1.8	110
58	The Ras and Sch9 pathways regulate stress resistance and longevity. <i>Experimental Gerontology</i> , 2003, 38, 807-811.	2.8	109
59	Fasting and Caloric Restriction in Cancer Prevention and Treatment. <i>Recent Results in Cancer Research</i> , 2016, 207, 241-266.	1.8	109
60	Chronological Aging in <i>Saccharomyces cerevisiae</i> . <i>Sub-Cellular Biochemistry</i> , 2011, 57, 101-121.	2.4	105
61	Intermittent and periodic fasting, longevity and disease. <i>Nature Aging</i> , 2021, 1, 47-59.	11.6	103
62	Fasting and differential chemotherapy protection in patients. <i>Cell Cycle</i> , 2010, 9, 4474-4476.	2.6	102
63	Starvation, Stress Resistance, and Cancer. <i>Trends in Endocrinology and Metabolism</i> , 2018, 29, 271-280.	7.1	102
64	Nutrition and fasting mimicking diets in the prevention and treatment of autoimmune diseases and immunosenescence. <i>Molecular and Cellular Endocrinology</i> , 2017, 455, 4-12.	3.2	100
65	Chronological aging-induced apoptosis in yeast. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 1280-1285.	4.1	90
66	Synergistic effect of fasting-mimicking diet and vitamin C against KRAS mutated cancers. <i>Nature Communications</i> , 2020, 11, 2332.	12.8	90
67	Dietary Restrictions and Nutrition in the Prevention and Treatment of Cardiovascular Disease. <i>Circulation Research</i> , 2019, 124, 952-965.	4.5	84
68	Aging as a Mitochondria-Mediated Atavistic Program: Can Aging Be Switched Off?. <i>Annals of the New York Academy of Sciences</i> , 2005, 1057, 145-164.	3.8	80
69	Serine- and Threonine/Valine-Dependent Activation of PDK and Tor Orthologs Converge on Sch9 to Promote Aging. <i>PLoS Genetics</i> , 2014, 10, e1004113.	3.5	75
70	Humanin Prevents Age-Related Cognitive Decline in Mice and is Associated with Improved Cognitive Age in Humans. <i>Scientific Reports</i> , 2018, 8, 14212.	3.3	74
71	Linking sirtuins, IGF-I signaling, and starvation. <i>Experimental Gerontology</i> , 2009, 44, 70-74.	2.8	72
72	Oncogene homologue Sch9 promotes age-dependent mutations by a superoxide and Rev1/Pol $\eta$ -dependent mechanism. <i>Journal of Cell Biology</i> , 2009, 186, 509-523.	5.2	71

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73	Short-term calorie and protein restriction provide partial protection from chemotoxicity but do not delay glioma progression. <i>Experimental Gerontology</i> , 2013, 48, 1120-1128.	2.8	71
74	Protein restriction cycles reduce IGF1 and phosphorylated Tau, and improve behavioral performance in an Alzheimer's disease mouse model. <i>Aging Cell</i> , 2013, 12, 257-268.	6.7	71
75	Hypothalamic-Pituitary Axis Regulates Hydrogen Sulfide Production. <i>Cell Metabolism</i> , 2017, 25, 1320-1333.e5.	16.2	71
76	Growth Factors, Nutrient Signaling, and Cardiovascular Aging. <i>Circulation Research</i> , 2012, 110, 1139-1150.	4.5	67
77	The mitochondrial derived peptide humanin is a regulator of lifespan and healthspan. <i>Aging</i> , 2020, 12, 11185-11199.	3.1	67
78	Fasting potentiates the anticancer activity of tyrosine kinase inhibitors by strengthening MAPK signaling inhibition. <i>Oncotarget</i> , 2015, 6, 11820-11832.	1.8	67
79	Longevity mutation in <i>SCH9</i> prevents recombination errors and premature genomic instability in a Werner/Bloom model system. <i>Journal of Cell Biology</i> , 2008, 180, 67-81.	5.2	64
80	Fasting-mimicking diet blocks triple-negative breast cancer and cancer stem cell escape. <i>Cell Metabolism</i> , 2021, 33, 2247-2259.e6.	16.2	63
81	Strategies to Prevent or Remediate Cancer and Treatment-Related Aging. <i>Journal of the National Cancer Institute</i> , 2021, 113, 112-122.	6.3	57
82	Daily caloric restriction limits tumor growth more effectively than caloric cycling regardless of dietary composition. <i>Nature Communications</i> , 2021, 12, 6201.	12.8	57
83	The chronological life span of <i>Saccharomyces cerevisiae</i> to study mitochondrial dysfunction and disease. <i>Methods</i> , 2008, 46, 256-262.	3.8	55
84	Autophagy in blood cancers: biological role and therapeutic implications. <i>Haematologica</i> , 2013, 98, 1335-1343.	3.5	54
85	GH Receptor Deficiency in Ecuadorian Adults Is Associated With Obesity and Enhanced Insulin Sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 2589-2596.	3.6	54
86	Protein Quantity and Source, Fasting-Mimicking Diets, and Longevity. <i>Advances in Nutrition</i> , 2019, 10, S340-S350.	6.4	54
87	Starvation, detoxification, and multidrug resistance in cancer therapy. <i>Drug Resistance Updates</i> , 2012, 15, 114-122.	14.4	52
88	Time-Restricted Eating, Intermittent Fasting, and Fasting-Mimicking Diets in Weight Loss. <i>Current Obesity Reports</i> , 2021, 10, 70-80.	8.4	50
89	<i>Tor</i> 1Csch9 deficiency activates catabolism of the ketone body-like acetic acid to promote trehalose accumulation and longevity. <i>Aging Cell</i> , 2014, 13, 457-467.	6.7	48
90	The conserved role of protein restriction in aging and disease. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2016, 19, 74-79.	2.5	47

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91	Protective effects of short-term dietary restriction in surgical stress and chemotherapy. Ageing Research Reviews, 2017, 39, 68-77.	10.9	46
92	Fasting regulates EGR1 and protects from glucose- and dexamethasone-dependent sensitization to chemotherapy. PLoS Biology, 2017, 15, e2001951.	5.6	45
93	Brain Structure and Function Associated with Younger Adults in Growth Hormone Receptor-Deficient Humans. Journal of Neuroscience, 2017, 37, 1696-1707.	3.6	39
94	Insulin/IGF-I and Related Signaling Pathways Regulate Aging in Nondividing Cells: from Yeast to the Mammalian Brain. Scientific World Journal, The, 2010, 10, 161-177.	2.1	38
95	Reversible Inactivation of Superoxide-Sensitive Aconitase in $\text{A}\beta_{1-42}$ -Treated Neuronal Cell Lines. Journal of Neurochemistry, 2002, 75, 1977-1985.	3.9	37
96	Turning anti-ageing genes against cancer. Nature Reviews Molecular Cell Biology, 2008, 9, 903-910.	37.0	36
97	Starvation Promotes REV1 SUMOylation and p53-Dependent Sensitization of Melanoma and Breast Cancer Cells. Cancer Research, 2015, 75, 1056-1067.	0.9	35
98	Ras: The Other Pro-Aging Pathway. Science of Aging Knowledge Environment: SAGE KE, 2004, 2004, pe36-pe36.	0.8	34
99	Fasting-mimicking diet prevents high-fat diet effect on cardiometabolic risk and lifespan. Nature Metabolism, 2021, 3, 1342-1356.	11.9	34
100	Periodic and Intermittent Fasting in Diabetes and Cardiovascular Disease. Current Diabetes Reports, 2020, 20, 83.	4.2	33
101	Inference of transcription modification in long-live yeast strains from their expression profiles. BMC Genomics, 2007, 8, 219.	2.8	32
102	Genome-wide screen identifies <i>Escherichia coli</i> TCA cycle-related mutants with extended chronological lifespan dependent on acetate metabolism and the hypoxia-inducible transcription factor ArcA. Aging Cell, 2010, 9, 868-881.	6.7	31
103	Intermittent supplementation with rapamycin as a dietary restriction mimetic. Aging, 2011, 3, 1039-1040.	3.1	31
104	Safety and Feasibility of Fasting-Mimicking Diet and Effects on Nutritional Status and Circulating Metabolic and Inflammatory Factors in Cancer Patients Undergoing Active Treatment. Cancers, 2021, 13, 4013.	3.7	31
105	Dietary Interventions, Cardiovascular Aging, and Disease. Circulation Research, 2016, 118, 1612-1625.	4.5	30
106	When Fasting Gets Tough, the Tough Immune Cells Get Going—or Die. Cell, 2019, 178, 1038-1040.	28.9	28
107	Quality of life and illness perceptions in patients with breast cancer using a fasting mimicking diet as an adjunct to neoadjuvant chemotherapy in the phase 2 DIRECT (BOOG 2013-14) trial. Breast Cancer Research and Treatment, 2021, 185, 741-758.	2.5	27
108	Acetic acid and acidification accelerate chronological and replicative aging in yeast. Cell Cycle, 2012, 11, 3532-3533.	2.6	24

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109	Fasting, dietary restriction, and immunosenescence. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 1002-1004.	2.9	23
110	Programmed longevity, youthspan, and juvenology. <i>Aging Cell</i> , 2019, 18, e12843.	6.7	22
111	Significant and Systematic Expression Differentiation in Long-Lived Yeast Strains. <i>PLoS ONE</i> , 2007, 2, e1095.	2.5	21
112	Analysis of gene expression profile in yeast aging chronologically. <i>Mechanisms of Ageing and Development</i> , 2005, 126, 11-16.	4.6	20
113	Intermittent and Periodic Fasting, Hormones, and Cancer Prevention. <i>Cancers</i> , 2021, 13, 4587.	3.7	20
114	Association between IGF1 levels ranges and all-cause mortality: A meta-analysis. <i>Aging Cell</i> , 2022, 21, e13540.	6.7	20
115	Six-Month Periodic Fasting in Patients With Type 2 Diabetes and Diabetic Nephropathy: A Proof-of-Concept Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 2167-2181.	3.6	18
116	Comparative analyses of time-course gene expression profiles of the long-lived sch9 <sup>Δ</sup> mutant. <i>Nucleic Acids Research</i> , 2010, 38, 143-158.	14.5	17
117	Yeast Chronological Lifespan: Longevity Regulatory Genes and Mechanisms. <i>Cells</i> , 2022, 11, 1714.	4.1	17
118	Conserved role of Ras-GEFs in promoting aging: from yeast to mice. <i>Aging</i> , 2011, 3, 340-343.	3.1	16
119	<i>E. coli</i> hypoxia-inducible factor ArcA mediates lifespan extension in a lipoic acid synthase mutant by suppressing acetyl-CoA synthetase. <i>Biological Chemistry</i> , 2010, 391, 1139-47.	2.5	15
120	Acetyl-CoA Synthetase Is a Conserved Regulator of Autophagy and Life Span. <i>Cell Metabolism</i> , 2014, 19, 555-557.	16.2	15
121	A Protein Restriction-Dependent Sulfur Code for Longevity. <i>Cell</i> , 2015, 160, 15-17.	28.9	15
122	Growth factors, aging and age-related diseases. <i>Growth Hormone and IGF Research</i> , 2016, 28, 66-68.	1.1	15
123	Assessing Chronological Aging in Bacteria. <i>Methods in Molecular Biology</i> , 2013, 965, 421-437.	0.9	13
124	Diet composition influences the metabolic benefits of short cycles of very low caloric intake. <i>Nature Communications</i> , 2021, 12, 6463.	12.8	12
125	A Radical Signal Activates the Epigenetic Regulation of Longevity. <i>Cell Metabolism</i> , 2013, 17, 812-813.	16.2	11
126	Effects of Prolonged GRP78 Haploinsufficiency on Organ Homeostasis, Behavior, Cancer and Chemotoxic Resistance in Aged Mice. <i>Scientific Reports</i> , 2017, 7, 40919.	3.3	11



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127	Biodemographic trajectories of age-specific re proliferation from stationary phase in the yeast <i>Saccharomyces cerevisiae</i> seem multiphasic. <i>Mechanisms of Ageing and Development</i> , 2003, 124, 1059-1063.	4.6	10
128	Growth hormone receptor deficiency in humans associates to obesity, increased body fat percentage, a healthy brain and a coordinated insulin sensitivity. <i>Growth Hormone and IGF Research</i> , 2020, 51, 58-64.	1.1	10
129	Fasting in diabetes treatment (FIT) trial: study protocol for a randomised, controlled, assessor-blinded intervention trial on the effects of intermittent use of a fasting-mimicking diet in patients with type 2 diabetes. <i>BMC Endocrine Disorders</i> , 2020, 20, 94.	2.2	9
130	Lifespan extension and paraquat resistance in a ubiquinone-deficient <i>Escherichia coli</i> mutant depend on transcription factors ArcA and TdcA. <i>Aging</i> , 2011, 3, 291-303.	3.1	9
131	Periodic fasting starves cisplatin-resistant cancers to death. <i>EMBO Journal</i> , 2018, 37, .	7.8	8
132	Endosomal protein sorting and autophagy genes contribute to the regulation of yeast life span. <i>Autophagy</i> , 2010, 6, 1227-1228.	9.1	7
133	Studying Age-dependent Genomic Instability using the <i>S. cerevisiae</i> Chronological Lifespan Model. <i>Journal of Visualized Experiments</i> , 2011, .	0.3	7
134	Efficacy of a fasting-mimicking diet in functional therapy for depression: A randomised controlled pilot trial. <i>Journal of Clinical Psychology</i> , 2020, 76, 1807-1817.	1.9	7
135	Fasting plus tyrosine kinase inhibitors in cancer. <i>Aging</i> , 2015, 7, 1026-1027.	3.1	6
136	Search for Methuselah Genes Heats Up. <i>Science of Aging Knowledge Environment: SAGE KE</i> , 2004, 2004, 6pe-6.	0.8	5
137	Fasting and Fasting Mimicking Diets in Obesity and Cardiometabolic Disease Prevention and Treatment. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2022, 33, 699-717.	1.3	5
138	Reply to "Fasting in oncology: a word of caution". <i>Nature Reviews Cancer</i> , 2019, 19, 178-178.	28.4	4
139	Meeting Report: Aging Research and Drug Discovery. <i>Aging</i> , 2022, 14, 530-543.	3.1	4
140	Enhancing Stem Cell Transplantation with "Nutri-technology". <i>Cell Stem Cell</i> , 2016, 19, 681-682.	11.1	3
141	A fasting-mimicking diet and vitamin C: turning anti-aging strategies against cancer. <i>Molecular and Cellular Oncology</i> , 2020, 7, 1791671.	0.7	3
142	Dietary Restriction: Theory Fails to Satiated Response. <i>Science</i> , 2010, 329, 1015-1015.	12.6	2
143	Potential of crizotinib activity by fasting cycles in an ALK+ lung cancer model. <i>Journal of Clinical Oncology</i> , 2014, 32, e13511-e13511.	1.6	2
144	A randomized phase II clinical trial of a fasting-mimic diet prior to chemotherapy to evaluate the impact on toxicity and efficacy. <i>Journal of Clinical Oncology</i> , 2018, 36, TPS10132-TPS10132.	1.6	1

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145	Diet comparison suggests a lipid imbalance can slow tumour growth. <i>Nature</i> , 2021, 599, 206-207.	27.8	1
146	Oxygen? No Thanks, I'm on a Diet. <i>Science of Aging Knowledge Environment: SAGE KE</i> , 2002, 2002, 10pe-10.	0.8	1
147	Fasting-Mimicking-Diet does not reduce skeletal muscle function in healthy young adults: a randomized control trial. <i>European Journal of Applied Physiology</i> , 2022, 122, 651.	2.5	1
148	Fasting and cancer: from yeast to mammals. <i>International Review of Cell and Molecular Biology</i> , 2022, , 81-106.	3.2	1
149	Programmed Cell Death in the Yeast <i>Saccharomyces cerevisiae</i> . , 0, , 389-396.		0
150	Editorial: Interview with Professor Valter Longo. <i>FEMS Yeast Research</i> , 2021, 21, .	2.3	0
151	Nutrition and Cancer. <i>UNIPA Springer Series</i> , 2021, , 381-389.	0.1	0
152	From Yeast Methuselah Genes to Evolutionary Medicine. , 2006, , 219-228.		0
153	Oxidative Stress and Aging in the Budding Yeast <i>Saccharomyces cerevisiae</i> . , 2008, , 67-79.		0
154	Reprogramming Cell Survival and Longevity: The Role of Tor, Sch9, Ras, and Sir2. , 2009, , 3-18.		0
155	Aging and Dietary Restriction: The Yeast Paradigm. , 2010, , 97-109.		0
156	Aging, Nutrient Signaling, Hematopoietic Senescence, and Cancer. <i>Critical Reviews in Oncogenesis</i> , 2013, 18, 559-571.	0.4	0
157	The Impact of Cancer Treatments on Aging. , 2016, , 85-119.		0
158	Growth Hormones and Aging. <i>Endocrinology</i> , 2016, , 1-12.	0.1	0
159	Growth Hormones and Aging. <i>Endocrinology</i> , 2018, , 691-702.	0.1	0