

Min Wei

List of Publications by Year in descending order

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54
papers

8,304
citations

117625

34
h-index

197818

49
g-index

56
all docs

56
docs citations

56
times ranked

8885
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	Life Span Extension by Calorie Restriction Depends on Rim15 and Transcription Factors Downstream of Ras/PKA, Tor, and Sch9. <i>PLoS Genetics</i> , 2008, 4, e13.	3.5	378
7	A Diet Mimicking Fasting Promotes Regeneration and Reduces Autoimmunity and Multiple Sclerosis Symptoms. <i>Cell Reports</i> , 2016, 15, 2136-2146.	6.4	371
8	Sir2 Blocks Extreme Life-Span Extension. <i>Cell</i> , 2005, 123, 655-667.	28.9	369
9	Prolonged Fasting Reduces IGF-1/PKA to Promote Hematopoietic-Stem-Cell-Based Regeneration and Reverse Immunosuppression. <i>Cell Stem Cell</i> , 2014, 14, 810-823.	11.1	369
10	Fasting-mimicking diet and markers/risk factors for aging, diabetes, cancer, and cardiovascular disease. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	363
11	Fasting and cancer treatment in humans: A case series report. <i>Aging</i> , 2009, 1, 988-1007.	3.1	305
12	Fasting-Mimicking Diet Reduces HO-1 to Promote T _H 1-Cell-Mediated Tumor Cytotoxicity. <i>Cancer Cell</i> , 2016, 30, 136-146.	16.8	289
13	Fasting-Mimicking Diet Promotes Ngn3-Driven β -Cell Regeneration to Reverse Diabetes. <i>Cell</i> , 2017, 168, 775-788.e12.	28.9	274
14	Reduced Levels of IGF-I Mediate Differential Protection of Normal and Cancer Cells in Response to Fasting and Improve Chemotherapeutic Index. <i>Cancer Research</i> , 2010, 70, 1564-1572.	0.9	245
15	Peroxynitrite Mediates Neurotoxicity of Amyloid β -Peptide ¹⁻⁴² - and Lipopolysaccharide-Activated Microglia. <i>Journal of Neuroscience</i> , 2002, 22, 3484-3492.	3.6	241
16	Fasting-mimicking diet and hormone therapy induce breast cancer regression. <i>Nature</i> , 2020, 583, 620-624.	27.8	198
17	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
18	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

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19	Fasting Enhances the Response of Glioma to Chemo- and Radiotherapy. <i>PLoS ONE</i> , 2012, 7, e44603.	2.5	169
20	Safety and feasibility of fasting in combination with platinum-based chemotherapy. <i>BMC Cancer</i> , 2016, 16, 360.	2.6	153
21	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
22	<i>SIRT1</i> but not its increased expression is essential for lifespan extension in caloric-restricted mice. <i>Aging Cell</i> , 2014, 13, 193-196.	6.7	99
23	Estradiol (E2) Enhances Neurite Outgrowth by Repressing Glial Fibrillary Acidic Protein Expression and Reorganizing Laminin. <i>Endocrinology</i> , 2002, 143, 636-646.	2.8	86
24	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
25	Oncogene homologue Sch9 promotes age-dependent mutations by a superoxide and Rev1/Pol η -dependent mechanism. <i>Journal of Cell Biology</i> , 2009, 186, 509-523.	5.2	71
26	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
27	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
28	Macrosialin increases during normal brain aging are attenuated by caloric restriction. <i>Neuroscience Letters</i> , 2005, 390, 76-80.	2.1	65
29	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
30	Reversible age impairments in neurite outgrowth by manipulations of astrocytic GFAP. <i>Neurobiology of Aging</i> , 2005, 26, 705-715.	3.1	55
31	Tor-Sch9 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
32	Fasting regulates EGR1 and protects from glucose- and dexamethasone-dependent sensitization to chemotherapy. <i>PLoS Biology</i> , 2017, 15, e2001951.	5.6	45
33	Brain Structure and Function Associated with Younger Adults in Growth Hormone Receptor-Deficient Humans. <i>Journal of Neuroscience</i> , 2017, 37, 1696-1707.	3.6	39
34	Assessing Chronological Aging in <i>Saccharomyces cerevisiae</i> . <i>Methods in Molecular Biology</i> , 2013, 965, 463-472.	0.9	38
35	Starvation Promotes REV1 SUMOylation and p53-Dependent Sensitization of Melanoma and Breast Cancer Cells. <i>Cancer Research</i> , 2015, 75, 1056-1067.	0.9	35
36	Fasting-mimicking diet prevents high-fat diet effect on cardiometabolic risk and lifespan. <i>Nature Metabolism</i> , 2021, 3, 1342-1356.	11.9	34

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37	Estradiol (E2) Enhances Neurite Outgrowth by Repressing Glial Fibrillary Acidic Protein Expression and Reorganizing Laminin. <i>Endocrinology</i> , 2002, 143, 636-646.	2.8	33
38	Variations of Synaptotagmin I, Synaptotagmin IV, and Synaptophysin mRNA Levels in Rat Hippocampus during the Estrous Cycle. <i>Experimental Neurology</i> , 1999, 159, 574-583.	4.1	30
39	Progesterone Influence on Neurite Outgrowth Involves Microglia. <i>Endocrinology</i> , 2009, 150, 324-332.	2.8	28
40	Conserved role of medium acidification in chronological senescence of yeast and mammalian cells. <i>Aging</i> , 2011, 3, 1127-1129.	3.1	23
41	Significant and Systematic Expression Differentiation in Long-Lived Yeast Strains. <i>PLoS ONE</i> , 2007, 2, e1095.	2.5	21
42	Static Magnetic Fields Reduce Oxidative Stress to Improve Wound Healing and Alleviate Diabetic Complications. <i>Cells</i> , 2022, 11, 443.	4.1	18
43	Comparative analyses of time-course gene expression profiles of the long-lived <i>sch9^Δ</i> mutant. <i>Nucleic Acids Research</i> , 2010, 38, 143-158.	14.5	17
44	Progressive changes in regulation of apolipoproteins E and J in glial cultures during postnatal development and aging. <i>Neuroscience Letters</i> , 2004, 371, 199-204.	2.1	12
45	Studying Age-dependent Genomic Instability using the <i>S. cerevisiae</i> Chronological Lifespan Model. <i>Journal of Visualized Experiments</i> , 2011, , .	0.3	7
46	An Intermittent Fasting Mimicking Nutrition Bar Extends Physiologic Ketosis in Time Restricted Eating: A Randomized, Controlled, Parallel-Arm Study. <i>Nutrients</i> , 2021, 13, 1523.	4.1	6
47	Moderate Static Magnetic Fields Prevent Bone Architectural Deterioration and Strength Reduction in Ovariectomized Mice. <i>IEEE Transactions on Magnetics</i> , 2021, 57, 1-9.	2.1	5
48	Inflammation in Alzheimer's Disease. , 0, , 87-110.		2
49	Final results of a phase I trial of fasting prior to platinum-based chemotherapy.. <i>Journal of Clinical Oncology</i> , 2013, 31, 9632-9632.	1.6	1
50	Abstract 4313: Periodic fasting mimicking diet delays cancer development and progression. , 2016, , .		1
51	Prolonged Fasting Reduces IGF-1/PKA to Promote Hematopoietic-Stem-Cell-Based Regeneration and Reverse Immunosuppression. <i>Cell Stem Cell</i> , 2016, 18, 291-292.	11.1	0
52	Aging and Dietary Restriction: The Yeast Paradigm. , 2010, , 97-109.		0
53	Abstract 4327: Fasting enhances the response of Gli26-glioma to radiation and multiple chemotherapies. , 2011, , .		0
54	Abstract 4120: Periodic fasting mimicking diet started late in life reduces and delays carcinogenesis. , 2014, , .		0