Linda Partridge

List of Publications by Year in Descending Order

346 papers	43,017 citations	98 h-index	202 g-index
404 ext. papers	50,613 ext. citations	12.4 avg, IF	7.78 L-index

#	Paper	IF	Citations
346	Biological mechanisms of aging predict age-related disease co-occurrence in patients.. *Aging Cell*, **2022**, e13524	9.9	5
345	Enhanced insulin signalling ameliorates C9orf72 hexanucleotide repeat expansion toxicity in. *ELife*, **2021**, 10,	8.9	5
344	From mutation to mechanism: deciphering the molecular function of genetic variants linked to human ageing. *Briefings in Functional Genomics*, **2021**,	4.9	1
343	Transcriptomic profiling of long- and short-lived mutant mice implicates mitochondrial metabolism in ageing and shows signatures of normal ageing in progeroid mice. *Mechanisms of Ageing and Development*, **2021**, 194, 111437	5.6	3
342	Activating transcription factor 4-dependent lactate dehydrogenase activation as a protective response to amyloid beta toxicity. *Brain Communications*, **2021**, 3, fcab053	4.5	2
341	Common genetic associations between age-related diseases. *Nature Aging*, **2021**, 1, 400-412		4
340	Tissue-specific modulation of gene expression in response to lowered insulin signalling in. *ELife*, **2021**, 10,	8.9	3
339	Clinical trials of mTOR inhibitors to boost immunity to viral infection in older adults. *The Lancet Healthy Longevity*, **2021**, 2, e232-e233	9.5	1
338	A TORC1-histone axis regulates chromatin organisation and non-canonical induction of autophagy to ameliorate ageing. *ELife*, **2021**, 10,	8.9	11
337	Functional conservation in genes and pathways linking ageing and immunity. *Immunity and Ageing*, **2021**, 18, 23	9.7	6
336	Regulation of the one carbon folate cycle as a shared metabolic signature of longevity. *Nature Communications*, **2021**, 12, 3486	17.4	7
335	Sestrin is a key regulator of stem cell function and lifespan in response to dietary amino acids. *Nature Aging*, **2021**, 1, 60-72		11
334	A neuronal blood marker is associated with mortality in old age. *Nature Aging*, **2021**, 1, 218-225		10
333	FoxO1 Is a Novel Regulator of 20S Proteasome Subunits Expression and Activity. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 625715	5.7	4
332	Transposable Element Landscape in Drosophila Populations Selected for Longevity. *Genome Biology and Evolution*, **2021**, 13,	3.9	1
331	Data-driven identification of ageing-related diseases from electronic health records. *Scientific Reports*, **2021**, 11, 2938	4.9	3
330	Cell type-specific modulation of healthspan by Forkhead family transcription factors in the nervous system. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	2

329	Autophagy in healthy aging and disease.. *Nature Aging*, **2021**, 1, 634-650		69
328	Chromatin remodeling due to degradation of citrate carrier impairs osteogenesis of aged mesenchymal stem cells. *Nature Aging*, **2021**, 1, 810-825		8
327	Lithium can mildly increase health during ageing but not lifespan in mice. *Aging Cell*, **2021**, 20, e13479	9.9	1
326	A mitochondrial membrane-bridging machinery mediates signal transduction of intramitochondrial oxidation. *Nature Metabolism*, **2021**, 3, 1242-1258	14.6	7
325	Tackling immunosenescence to improve COVID-19 outcomes and vaccine response in older adults. *The Lancet Healthy Longevity*, **2020**, 1, e55-e57	9.5	30
324	The quest to slow ageing through drug discovery. *Nature Reviews Drug Discovery*, **2020**, 19, 513-532	64.1	91
323	PICALM rescues glutamatergic neurotransmission, behavioural function and survival in a Drosophila model of A□2 toxicity. *Human Molecular Genetics*, **2020**, 29, 2420-2434	5.6	2
322	An Insulin-Sensitive Circular RNA that Regulates Lifespan in Drosophila. *Molecular Cell*, **2020**, 79, 268-279.e5	14.5	36
321	Long-term in vivo imaging of Drosophila larvae. *Nature Protocols*, **2020**, 15, 1158-1187	18.8	15
320	Fine-tuning autophagy maximises lifespan and is associated with changes in mitochondrial gene expression in Drosophila. *PLoS Genetics*, **2020**, 16, e1009083	6	11
319	A novel computational approach for predicting complex phenotypes in Drosophila (starvation-sensitive and sterile) by deriving their gene expression signatures from public data. *PLoS ONE*, **2020**, 15, e0240824	3.7	
318	Longevity in response to lowered insulin signaling requires glycine N-methyltransferase-dependent spermidine production. *Aging Cell*, **2020**, 19, e13043	9.9	14
317	Dynamic changes in the brain protein interaction network correlates with progression of A□2 pathology in Drosophila. *Scientific Reports*, **2020**, 10, 18517	4.9	2
316	Independent glial subtypes delay development and extend healthy lifespan upon reduced insulin-PI3K signalling. *BMC Biology*, **2020**, 18, 124	7.3	3
315	Branched-Chain Amino Acids Have Equivalent Effects to Other Essential Amino Acids on Lifespan and Aging-Related Traits in Drosophila. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2020**, 75, 24-31	6.4	20
314	The neuronal receptor tyrosine kinase Alk is a target for longevity. *Aging Cell*, **2020**, 19, e13137	9.9	9
313	A novel computational approach for predicting complex phenotypes in Drosophila (starvation-sensitive and sterile) by deriving their gene expression signatures from public data **2020**, 15, e0240824		
312	A novel computational approach for predicting complex phenotypes in Drosophila (starvation-sensitive and sterile) by deriving their gene expression signatures from public data **2020**, 15, e0240824		

311	A novel computational approach for predicting complex phenotypes in Drosophila (starvation-sensitive and sterile) by deriving their gene expression signatures from public data **2020**, 15, e0240824		
310	A novel computational approach for predicting complex phenotypes in Drosophila (starvation-sensitive and sterile) by deriving their gene expression signatures from public data **2020**, 15, e0240824		
309	A triple drug combination targeting components of the nutrient-sensing network maximizes longevity. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 20817-20819	11.5	38
308	Branched chain amino acids impact health and lifespan indirectly via amino acid balance and appetite control. *Nature Metabolism*, **2019**, 1, 532-545	14.6	105
307	RPS25 is required for efficient RAN translation of C9orf72 and other neurodegenerative disease-associated nucleotide repeats. *Nature Neuroscience*, **2019**, 22, 1383-1388	25.5	54
306	A Computational Model of the Escape Response Latency in the Giant Fiber System of. *ENeuro*, **2019** , 6,	3.9	2
305	Loss of miR-210 leads to progressive retinal degeneration in. *Life Science Alliance*, **2019**, 2,	5.8	10
304	Glycine-alanine dipeptide repeats spread rapidly in a repeat length- and age-dependent manner in the fly brain. *Acta Neuropathologica Communications*, **2019**, 7, 209	7.3	9
303	A nutritional memory effect counteracts benefits of dietary restriction in old mice. *Nature Metabolism*, **2019**, 1, 1059-1073	14.6	35
302	C9orf72 arginine-rich dipeptide proteins interact with ribosomal proteins in vivo to induce a toxic translational arrest that is rescued by eIF1A. *Acta Neuropathologica*, **2019**, 137, 487-500	14.3	52
301	Identifying Potential Ageing-Modulating Drugs In Silico. *Trends in Endocrinology and Metabolism*, **2019**, 30, 118-131	8.8	12
300	Using the drug-protein interactome to identify anti-ageing compounds for humans. *PLoS Computational Biology*, **2019**, 15, e1006639	5	21
299	Impact of insulin signaling and proteasomal activity on physiological output of a neuronal circuit in aging Drosophila melanogaster. *Neurobiology of Aging*, **2018**, 66, 149-157	5.6	9
298	Sense and antisense RNA are not toxic in Drosophila models of C9orf72-associated ALS/FTD. *Acta Neuropathologica*, **2018**, 135, 445-457	14.3	45
297	Drosophila as a model for ageing. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2018**, 1864, 2707-2717	6.9	72
296	Gene expression-based drug repurposing to target aging. *Aging Cell*, **2018**, 17, e12819	9.9	37
295	Horizons in the evolution of aging. *BMC Biology*, **2018**, 16, 93	7.3	86
294	G-quadruplex-binding small molecules ameliorate FTD/ALS pathology and. *EMBO Molecular Medicine*, **2018**, 10, 22-31	12	119

293	Hepatic gene body hypermethylation is a shared epigenetic signature of murine longevity. *PLoS Genetics*, **2018**, 14, e1007766	6	7
292	Mutations of mitochondrial DNA are not major contributors to aging of fruit flies. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E9620-E9629	11.5	22
291	Facing up to the global challenges of ageing. *Nature*, **2018**, 561, 45-56	50.4	342
290	Short-Term, Intermittent Fasting Induces Long-Lasting Gut Health and TOR-Independent Lifespan Extension. *Current Biology*, **2018**, 28, 1714-1724.e4	6.3	58
289	Parkinson's Disease: Mitochondria Parked at the ER Hit the Snooze Button. *Neuron*, **2018**, 98, 1059-1061	13.9	
288	Matching Dietary Amino Acid Balance to the In Silico-Translated Exome Optimizes Growth and Reproduction without Cost to Lifespan. *Cell Metabolism*, **2017**, 25, 610-621	24.6	74
287	Bidirectional nucleolar dysfunction in C9orf72 frontotemporal lobar degeneration. *Acta Neuropathologica Communications*, **2017**, 5, 29	7.3	36
286	Drug repurposing for aging research using model organisms. *Aging Cell*, **2017**, 16, 1006-1015	9.9	25
285	Two forms of death in ageing Caenorhabditis elegans. *Nature Communications*, **2017**, 8, 15458	17.4	48
284	Myostatin-like proteins regulate synaptic function and neuronal morphology. *Development (Cambridge)*, **2017**, 144, 2445-2455	6.6	27
283	Genetic models of C9orf72: what is toxic?. *Current Opinion in Genetics and Development*, **2017**, 44, 92-101	4.9	41
282	Dietary restriction protects from age-associated DNA methylation and induces epigenetic reprogramming of lipid metabolism. *Genome Biology*, **2017**, 18, 56	18.3	117
281	Intestinal Fork Head Regulates Nutrient Absorption and Promotes Longevity. *Cell Reports*, **2017**, 21, 641-653	10.6	29
280	Direct Keap1-Nrf2 disruption as a potential therapeutic target for Alzheimer's disease. *PLoS Genetics*, **2017**, 13, e1006593	6	76
279	Pseudo-acetylation of multiple sites on human Tau proteins alters Tau phosphorylation and microtubule binding, and ameliorates amyloid beta toxicity. *Scientific Reports*, **2017**, 7, 9984	4.9	22
278	Small nucleoli are a cellular hallmark of longevity. *Nature Communications*, **2017**, 8, 16083	17.4	119
277	A proteomic atlas of insulin signalling reveals tissue-specific mechanisms of longevity assurance. *Molecular Systems Biology*, **2017**, 13, 939	12.2	30
276	Ageing as a risk factor for ALS/FTD. *Human Molecular Genetics*, **2017**, 26, R105-R113	5.6	36

275	Good OlNFat: Links between Lipid Signaling and Longevity. *Trends in Biochemical Sciences*, **2017**, 42, 812-823	12.3	25
274	Complex roles of myoglianin in regulating adult performance and lifespan. *Fly*, **2017**, 11, 284-289	1.3	7
273	Changes of mitochondrial ultrastructure and function during ageing in mice and. *ELife*, **2017**, 6,	8.9	73
272	Reduced Insulin signaling maintains electrical transmission in a neural circuit in aging flies. *PLoS Biology*, **2017**, 15, e2001655	9.7	17
271	Increased Glucose Transport into Neurons Rescues A Toxicity in Drosophila. *Current Biology*, **2016**, 26, 2291-300	6.3	54
270	A Drosophila Model of Neuronopathic Gaucher Disease Demonstrates Lysosomal-Autophagic Defects and Altered mTOR Signalling and Is Functionally Rescued by Rapamycin. *Journal of Neuroscience*, **2016**, 36, 11654-11670	6.6	68
269	Reply: Glial mitochondropathy in infantile neuroaxonal dystrophy: pathophysiological and therapeutic implications. *Brain*, **2016**, 139, e68	11.2	
268	Insulin and TOR signal in parallel through FOXO and S6K to promote epithelial wound healing. *Nature Communications*, **2016**, 7, 12972	17.4	34
267	Reduced insulin/insulin-like growth factor signaling decreases translation in Drosophila and mice. *Scientific Reports*, **2016**, 6, 30290	4.9	19
266	pGluA increases accumulation of A in vivo and exacerbates its toxicity. *Acta Neuropathologica Communications*, **2016**, 4, 109	7.3	23
265	Nuclear hormone receptor DHR96 mediates the resistance to xenobiotics but not the increased lifespan of insulin-mutant Drosophila. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 1321-6	11.5	34
264	Assessing the Mitochondrial Membrane Potential in Cells and In Vivo using Targeted Click Chemistry and Mass Spectrometry. *Cell Metabolism*, **2016**, 23, 379-85	24.6	62
263	Sex difference in pathology of the ageing gut mediates the greater response of female lifespan to dietary restriction. *ELife*, **2016**, 5, e10956	8.9	117
262	Deletion of endogenous Tau proteins is not detrimental in Drosophila. *Scientific Reports*, **2016**, 6, 23102	4.9	25
261	Acetylation mimic of lysine 280 exacerbates human Tau neurotoxicity in vivo. *Scientific Reports*, **2016**, 6, 22685	4.9	52
260	Quantitative Assessment of Eye Phenotypes for Functional Genetic Studies Using Drosophila melanogaster. *G3: Genes, Genomes, Genetics*, **2016**, 6, 1427-37	3.2	29
259	Lithium Promotes Longevity through GSK3/NRF2-Dependent Hormesis. *Cell Reports*, **2016**, 15, 638-650	10.6	101
258	Dietary Protein, Metabolism, and Aging. *Annual Review of Biochemistry*, **2016**, 85, 5-34	29.1	83

257	Protocols to Study Aging in Drosophila. *Methods in Molecular Biology*, **2016**, 1478, 291-302	1.4	28
256	Fasting, but Not Aging, Dramatically Alters the Redox Status of Cysteine Residues on Proteins in Drosophila melanogaster. *Cell Reports*, **2015**, 11, 1856-65	10.6	39
255	The Ras-Erk-ETS-Signaling Pathway Is a Drug Target for Longevity. *Cell*, **2015**, 162, 72-83	56.2	115
254	A∅43 is neurotoxic and primes aggregation of A∅40 in vivo. *Acta Neuropathologica*, **2015**, 130, 35-47	14.3	31
253	Promoting health and longevity through diet: from model organisms to humans. *Cell*, **2015**, 161, 106-118	56.2	730
252	Myc mouse and anti-ageing therapy. *Trends in Endocrinology and Metabolism*, **2015**, 26, 163-4	8.8	1
251	Nuclear hormone receptors: Roles of xenobiotic detoxification and sterol homeostasis in healthy aging. *Critical Reviews in Biochemistry and Molecular Biology*, **2015**, 50, 380-92	8.7	27
250	Myeloid Cell-Restricted Insulin/IGF-1 Receptor Deficiency Protects against Skin Inflammation. *Journal of Immunology*, **2015**, 195, 5296-5308	5.3	11
249	SurvCurv database and online survival analysis platform update. *Bioinformatics*, **2015**, 31, 3878-80	7.2	6
248	Loss of PLA2G6 leads to elevated mitochondrial lipid peroxidation and mitochondrial dysfunction. *Brain*, **2015**, 138, 1801-16	11.2	100
247	Longevity GWAS Using the Drosophila Genetic Reference Panel. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2015**, 70, 1470-8	6.4	69
246	Complementation between polymerase- and exonuclease-deficient mitochondrial DNA polymerase mutants in genomically engineered flies. *Nature Communications*, **2015**, 6, 8808	17.4	35
245	Signaling by IL-6 promotes alternative activation of macrophages to limit endotoxemia and obesity-associated resistance to insulin. *Nature Immunology*, **2014**, 15, 423-30	19.1	462
244	A holidic medium for Drosophila melanogaster. *Nature Methods*, **2014**, 11, 100-5	21.6	183
243	C9orf72 repeat expansions cause neurodegeneration in Drosophila through arginine-rich proteins. *Science*, **2014**, 345, 1192-1194	33.3	454
242	Intervening in ageing to prevent the diseases of ageing. *Trends in Endocrinology and Metabolism*, **2014**, 25, 555-7	8.8	43
241	Using doubly-labeled water to measure energy expenditure in an important small ectotherm Drosophila melanogaster. *Journal of Genetics and Genomics*, **2014**, 41, 505-12	4	5
240	Cell-nonautonomous effects of dFOXO/DAF-16 in aging. *Cell Reports*, **2014**, 6, 608-16	10.6	41

239	Lithium suppresses A□pathology by inhibiting translation in an adult Drosophila model of Alzheimer's disease. *Frontiers in Aging Neuroscience*, **2014**, 6, 190	5.3	46
238	Interplay of dFOXO and two ETS-family transcription factors determines lifespan in Drosophila melanogaster. *PLoS Genetics*, **2014**, 10, e1004619	6	47
237	Lowered insulin signalling ameliorates age-related sleep fragmentation in Drosophila. *PLoS Biology*, **2014**, 12, e1001824	9.7	53
236	Drosophila melanogaster LRPPRC2 is involved in coordination of mitochondrial translation. *Nucleic Acids Research*, **2014**, 42, 13920-38	20.1	18
235	Gender and longevity: why do men die earlier than women? Comparative and experimental evidence. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2013**, 27, 467-79	6.5	76
234	Genes, pathways and metabolism in ageing. *Drug Discovery Today: Disease Models*, **2013**, 10, e87-e93	1.3	2
233	Genetics of longevity in model organisms: debates and paradigm shifts. *Annual Review of Physiology*, **2013**, 75, 621-44	23.1	386
232	Polymorphism in the neurofibromin gene, Nf1, is associated with antagonistic selection on wing size and development time in Drosophila melanogaster. *Molecular Ecology*, **2013**, 22, 2716-25	5.7	16
231	Cardioprotection by S-nitrosation of a cysteine switch on mitochondrial complex I. *Nature Medicine*, **2013**, 19, 753-9	50.5	437
230	The hallmarks of aging. *Cell*, **2013**, 153, 1194-217	56.2	7165
229	MTERF3 regulates mitochondrial ribosome biogenesis in invertebrates and mammals. *PLoS Genetics* , **2013**, 9, e1003178	6	70
228	Dietary restriction extends lifespan in wild-derived populations of Drosophila melanogaster. *PLoS ONE*, **2013**, 8, e74681	3.7	24
227	Experimental analysis of risk factors for ulcerative dermatitis in mice. *Experimental Dermatology*, **2012**, 21, 712-3	4	13
226	Vascular endothelial insulin/IGF-1 signaling controls skin wound vascularization. *Biochemical and Biophysical Research Communications*, **2012**, 421, 197-202	3.4	32
225	Diet and healthy aging. *New England Journal of Medicine*, **2012**, 367, 2550-1	59.2	10
224	Ageing as a risk factor for disease. *Current Biology*, **2012**, 22, R741-52	6.3	780
223	Ageing increases vulnerability to a□2 toxicity in Drosophila. *PLoS ONE*, **2012**, 7, e40569	3.7	27
222	Detrimental effects of RNAi: a cautionary note on its use in Drosophila ageing studies. *PLoS ONE*, **2012**, 7, e45367	3.7	20

221	Activation of AMPK by the putative dietary restriction mimetic metformin is insufficient to extend lifespan in Drosophila. *PLoS ONE*, **2012**, 7, e47699	3.7	129
220	Using the mitochondria-targeted ratiometric mass spectrometry probe MitoB to measure H2O2 in living Drosophila. *Nature Protocols*, **2012**, 7, 946-58	18.8	98
219	The place of genetics in ageing research. *Nature Reviews Genetics*, **2012**, 13, 589-94	30.1	36
218	Genome-wide transcription analysis of clinal genetic variation in Drosophila. *PLoS ONE*, **2012**, 7, e34620	3.7	13
217	Using answer set programming to integrate RNA expression with signalling pathway information to infer how mutations affect ageing. *PLoS ONE*, **2012**, 7, e50881	3.7	13
216	A longer and healthier life with TOR down-regulation: genetics and drugs. *Biochemical Society Transactions*, **2011**, 39, 460-5	5.1	102
215	Genome-wide dFOXO targets and topology of the transcriptomic response to stress and insulin signalling. *Molecular Systems Biology*, **2011**, 7, 502	12.2	87
214	Measurement of H2O2 within living Drosophila during aging using a ratiometric mass spectrometry probe targeted to the mitochondrial matrix. *Cell Metabolism*, **2011**, 13, 340-50	24.6	231
213	Unraveling the biological roles of reactive oxygen species. *Cell Metabolism*, **2011**, 13, 361-366	24.6	542
212	Dietary restriction and aging: a unifying perspective. *Cell Metabolism*, **2011**, 14, 154-60	24.6	130
211	Absence of effects of Sir2 overexpression on lifespan in C. elegans and Drosophila. *Nature*, **2011**, 477, 482-5	50.4	517
210	Electrophysiological recordings from the giant fiber pathway of D. melanogaster. *Journal of Visualized Experiments*, **2011**,	1.6	18
209	Some highlights of research on aging with invertebrates, 2010. *Aging Cell*, **2011**, 10, 5-9	9.9	32
208	Lifespan extension by increased expression of the Drosophila homologue of the IGFBP7 tumour suppressor. *Aging Cell*, **2011**, 10, 137-47	9.9	76
207	dFOXO-independent effects of reduced insulin-like signaling in Drosophila. *Aging Cell*, **2011**, 10, 735-48	9.9	147
206	Ageing in Drosophila: the role of the insulin/Igf and TOR signalling network. *Experimental Gerontology*, **2011**, 46, 376-81	4.5	195
205	Death and dessert: nutrient signalling pathways and ageing. *Current Opinion in Cell Biology*, **2011**, 23, 738-43	9	45
204	Insulin signalling regulates remating in female Drosophila. *Proceedings of the Royal Society B: Biological Sciences*, **2011**, 278, 424-31	4.4	46

203	The new science of ageing. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2011**, 366, 6-8	5.8	17
202	Molecular basis of adaptive shift in body size in Drosophila melanogaster: functional and sequence analyses of the Dca gene. *Molecular Biology and Evolution*, **2011**, 28, 2393-402	8.3	26
201	The bicoid stability factor controls polyadenylation and expression of specific mitochondrial mRNAs in Drosophila melanogaster. *PLoS Genetics*, **2011**, 7, e1002324	6	46
200	Replication of extended lifespan phenotype in mice with deletion of insulin receptor substrate 1. *PLoS ONE*, **2011**, 6, e16144	3.7	70
199	DILP-producing median neurosecretory cells in the Drosophila brain mediate the response of lifespan to nutrition. *Aging Cell*, **2010**, 9, 336-46	9.9	96
198	Biomarkers of aging in Drosophila. *Aging Cell*, **2010**, 9, 466-477	9.9	63
197	Inhibition of GSK-3 ameliorates Abeta pathology in an adult-onset Drosophila model of Alzheimer's disease. *PLoS Genetics*, **2010**, 6, e1001087	6	118
196	The new biology of ageing. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2010**, 365, 147-54	5.8	105
195	Regulation of lifespan, metabolism, and stress responses by the Drosophila SH2B protein, Lnk. *PLoS Genetics*, **2010**, 6, e1000881	6	61
194	Molecular evolution and functional characterization of Drosophila insulin-like peptides. *PLoS Genetics*, **2010**, 6, e1000857	6	419
193	Dietary Restriction: Standing Up for Sirtuins--Response. *Science*, **2010**, 329, 1013-1013	33.3	2
192	Dietary Restriction: Theory Fails to Satiate--Response. *Science*, **2010**, 329, 1015-1015	33.3	2
191	Extending healthy life span--from yeast to humans. *Science*, **2010**, 328, 321-6	33.3	2029
190	Mechanisms of life span extension by rapamycin in the fruit fly Drosophila melanogaster. *Cell Metabolism*, **2010**, 11, 35-46	24.6	709
189	The Functions of Insulin-like Peptides in Insects. *Research and Perspectives in Endocrine Interactions*, **2010**, 105-124		7
188	Quantification of food intake in Drosophila. *PLoS ONE*, **2009**, 4, e6063	3.7	157
187	Longevity of Indy mutant Drosophila not attributable to Indy mutation. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, E53; author reply E54	11.5	11
186	Insulin/IGF-like signalling, the central nervous system and aging. *Biochemical Journal*, **2009**, 418, 1-12	3.8	190

185	Expression of human uncoupling protein-3 in Drosophila insulin-producing cells increases insulin-like peptide (DILP) levels and shortens lifespan. *Experimental Gerontology*, **2009**, 44, 316-27	4.5	20
184	Chemical changes in aging Drosophila melanogaster. *Age*, **2009**, 31, 343-51		6
183	Amino-acid imbalance explains extension of lifespan by dietary restriction in Drosophila. *Nature*, **2009**, 462, 1061-4	50.4	517
182	Some highlights of research on aging with invertebrates, 2009. *Aging Cell*, **2009**, 8, 509-13	9.9	18
181	A Drosophila insulin-like peptide promotes growth during nonfeeding states. *Developmental Cell*, **2009**, 17, 874-84	10.2	250
180	Invertebrate models of age-related muscle degeneration. *Biochimica Et Biophysica Acta - General Subjects*, **2009**, 1790, 1084-94	4	47
179	Endocrine regulation of aging and reproduction in Drosophila. *Molecular and Cellular Endocrinology*, **2009**, 299, 39-50	4.4	120
178	Ribosomal protein S6 kinase 1 signaling regulates mammalian life span. *Science*, **2009**, 326, 140-4	33.3	866
177	The endosymbiont Wolbachia increases insulin/IGF-like signalling in Drosophila. *Proceedings of the Royal Society B: Biological Sciences*, **2009**, 276, 3799-807	4.4	97
176	Effect of a standardised dietary restriction protocol on multiple laboratory strains of Drosophila melanogaster. *PLoS ONE*, **2009**, 4, e4067	3.7	76
175	Pitfalls of measuring feeding rate in the fruit fly Drosophila melanogaster. *Nature Methods*, **2008**, 5, 214-215	22.5	32
174	Role of dFOXO in lifespan extension by dietary restriction in Drosophila melanogaster: not required, but its activity modulates the response. *Aging Cell*, **2008**, 7, 187-98	9.9	136
173	Some highlights of research on aging with invertebrates, 2008. *Aging Cell*, **2008**, 7, 605-8	9.9	15
172	Brief carbon dioxide exposure blocks heat hardening but not cold acclimation in Drosophila melanogaster. *Journal of Insect Physiology*, **2008**, 54, 32-40	2.4	25
171	Evidence for lifespan extension and delayed age-related biomarkers in insulin receptor substrate 1 null mice. *FASEB Journal*, **2008**, 22, 807-18	0.9	408
170	Toward a control theory analysis of aging. *Annual Review of Biochemistry*, **2008**, 77, 777-98	29.1	32
169	Stress-response hormesis and aging: "that which does not kill us makes us stronger". *Cell Metabolism*, **2008**, 7, 200-3	24.6	366
168	Comment on "Brain IRS2 signaling coordinates life span and nutrient homeostasis". *Science*, **2008**, 320, 1012; author reply 1012	33.3	41

167	Feeding, fecundity and lifespan in female Drosophila melanogaster. *Proceedings of the Royal Society B: Biological Sciences*, **2008**, 275, 1675-83	4.4	96
166	New model of health promotion and disease prevention for the 21st century. *BMJ, The*, **2008**, 337, a399	5.9	89
165	Stage debut for the elusive Drosophila insulin-like growth factor binding protein. *Journal of Biology*, **2008**, 7, 18		6
164	Reduction of DILP2 in Drosophila triages a metabolic phenotype from lifespan revealing redundancy and compensation among DILPs. *PLoS ONE*, **2008**, 3, e3721	3.7	149
163	Benchmarks for ageing studies. *Nature*, **2007**, 450, 165-7	50.4	91
162	Dynamics of the action of dFOXO on adult mortality in Drosophila. *Aging Cell*, **2007**, 6, 429-38	9.9	90
161	Some highlights of research on aging with invertebrates, 2006-2007. *Aging Cell*, **2007**, 6, 595-8	9.9	8
160	Comment by Matthew Piper, William Mair, Linda Partridge on Min, K.J., Flatt, T., Kulaots, I., Tatar, M. (2006) "Counting calories in Drosophila dietary restriction"Exp. Gerontology, doi:10.1016/j.exger.2006.10.009. *Experimental Gerontology*, **2007**, 42, 253-5	4.5	7
159	Effects of resveratrol on lifespan in Drosophila melanogaster and Caenorhabditis elegans. *Mechanisms of Ageing and Development*, **2007**, 128, 546-52	5.6	358
158	Role of insulin-like signalling in Drosophila lifespan. *Trends in Biochemical Sciences*, **2007**, 32, 180-8	10.3	217
157	A functioning ovary is not required for sex peptide to reduce receptivity to mating in D. melanogaster. *Journal of Insect Physiology*, **2007**, 53, 343-8	2.4	10
156	Chemical Complexity and the Genetics of Aging. *Annual Review of Ecology, Evolution, and Systematics*, **2007**, 38, 299-326	13.5	10
155	Superoxide dismutase activities in long-lived Drosophila melanogaster females: chico1 genotypes and dietary dilution. *Biogerontology*, **2007**, 8, 201-8	4.5	29
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List of Publications

5	Sexual identity of enterocytes regulates rapamycin-mediated intestinal homeostasis and lifespan extension	1
4	Gene Expression-Based Drug Repurposing to Target Ageing	1
3	Deregulated mito-nuclear communication alters chromatin plasticity and differentiation potential of mesenchymal stem cells upon ageing	2
2	Common genetic associations between age-related diseases	1
1	Ras inhibition by trametinib treatment in Drosophila attenuates gut pathology in females and extends lifespan in both sexes	2