

# Nektarios Tavernarakis

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

261  
papers

28,168  
citations

70  
h-index

166  
g-index

289  
ext. papers

39,263  
ext. citations

8.3  
avg, IF

7.2  
L-index

#	Paper	IF	Citations
261	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
260	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544	10.2	2783
259	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , <b>2018</b> , 25, 486-541	12.7	2160
258	Induction of autophagy by spermidine promotes longevity. <i>Nature Cell Biology</i> , <b>2009</b> , 11, 1305-14	23.4	1033
257	Functional and physical interaction between Bcl-X(L) and a BH3-like domain in Beclin-1. <i>EMBO Journal</i> , <b>2007</b> , 26, 2527-39	13	916
256	Regulation of autophagy by cytoplasmic p53. <i>Nature Cell Biology</i> , <b>2008</b> , 10, 676-87	23.4	899
255	Crosstalk between apoptosis, necrosis and autophagy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2013</b> , 1833, 3448-3459	4.9	862
254	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , <b>2017</b> , 36, 1811-1836	13	857
253	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. <i>Cell Death and Differentiation</i> , <b>2015</b> , 22, 58-73	12.7	643
252	Mitophagy inhibits amyloid- $\beta$ and tau pathology and reverses cognitive deficits in models of Alzheimer's disease. <i>Nature Neuroscience</i> , <b>2019</b> , 22, 401-412	25.5	546
251	Mechanisms of mitophagy in cellular homeostasis, physiology and pathology. <i>Nature Cell Biology</i> , <b>2018</b> , 20, 1013-1022	23.4	459
250	Caloric restriction and resveratrol promote longevity through the Sirtuin-1-dependent induction of autophagy. <i>Cell Death and Disease</i> , <b>2010</b> , 1, e10	9.8	441
249	Coordination of mitophagy and mitochondrial biogenesis during ageing in <i>C. elegans</i> . <i>Nature</i> , <b>2015</b> , 521, 525-8	50.4	421
248	Spermidine and resveratrol induce autophagy by distinct pathways converging on the acetylproteome. <i>Journal of Cell Biology</i> , <b>2011</b> , 192, 615-29	7.3	362
247	Heritable and inducible genetic interference by double-stranded RNA encoded by transgenes. <i>Nature Genetics</i> , <b>2000</b> , 24, 180-3	36.3	360
246	Can autophagy promote longevity?. <i>Nature Cell Biology</i> , <b>2010</b> , 12, 842-6	23.4	355
245	The Genomes On Line Database (GOLD) in 2009: status of genomic and metagenomic projects and their associated metadata. <i>Nucleic Acids Research</i> , <b>2010</b> , 38, D346-54	20.1	331

244	The Genomes On Line Database (GOLD) in 2007: status of genomic and metagenomic projects and their associated metadata. <i>Nucleic Acids Research</i> , <b>2008</b> , 36, D475-9	20.1	276
243	eIF4E function in somatic cells modulates ageing in <i>Caenorhabditis elegans</i> . <i>Nature</i> , <b>2007</b> , 445, 922-6	50.4	269
242	A dual role of p53 in the control of autophagy. <i>Autophagy</i> , <b>2008</b> , 4, 810-4	10.2	256
241	Specific aspartyl and calpain proteases are required for neurodegeneration in <i>C. elegans</i> . <i>Nature</i> , <b>2002</b> , 419, 939-44	50.4	241
240	Necrotic cell death in <i>C. elegans</i> requires the function of calreticulin and regulators of Ca(2+) release from the endoplasmic reticulum. <i>Neuron</i> , <b>2001</b> , 31, 957-71	13.9	236
239	Mitochondrial homeostasis: the interplay between mitophagy and mitochondrial biogenesis. <i>Experimental Gerontology</i> , <b>2014</b> , 56, 182-8	4.5	232
238	The SPFH domain: implicated in regulating targeted protein turnover in stomatins and other membrane-associated proteins. <i>Trends in Biochemical Sciences</i> , <b>1999</b> , 24, 425-7	10.3	201
237	Molecular modeling of mechanotransduction in the nematode <i>Caenorhabditis elegans</i> . <i>Annual Review of Physiology</i> , <b>1997</b> , 59, 659-89	23.1	200
236	Autophagy and cell death in model organisms. <i>Cell Death and Differentiation</i> , <b>2009</b> , 16, 21-30	12.7	198
235	Prohibitin and mitochondrial biology. <i>Trends in Endocrinology and Metabolism</i> , <b>2009</b> , 20, 394-401	8.8	198
234	No death without life: vital functions of apoptotic effectors. <i>Cell Death and Differentiation</i> , <b>2008</b> , 15, 1113-23	12.7	198
233	Cellular stress response pathways and ageing: intricate molecular relationships. <i>EMBO Journal</i> , <b>2011</b> , 30, 2520-31	13	197
232	Mitochondrial biogenesis and clearance: a balancing act. <i>FEBS Journal</i> , <b>2017</b> , 284, 183-195	5.7	194
231	The Genomes On Line Database (GOLD) v.2: a monitor of genome projects worldwide. <i>Nucleic Acids Research</i> , <b>2006</b> , 34, D332-4	20.1	187
230	Mitophagy in neurodegeneration and aging. <i>Neurochemistry International</i> , <b>2017</b> , 109, 202-209	4.4	179
229	unc-8, a DEG/ENaC family member, encodes a subunit of a candidate mechanically gated channel that modulates <i>C. elegans</i> locomotion. <i>Neuron</i> , <b>1997</b> , 18, 107-19	13.9	171
228	Autophagy mediates pharmacological lifespan extension by spermidine and resveratrol. <i>Aging</i> , <b>2009</b> , 1, 961-70	5.6	161
227	Genome-wide investigation reveals pathogen-specific and shared signatures in the response of <i>Caenorhabditis elegans</i> to infection. <i>Genome Biology</i> , <b>2007</b> , 8, R194	18.3	154

226	Autophagy is required for necrotic cell death in <i>Caenorhabditis elegans</i> . <i>Cell Death and Differentiation</i> , <b>2008</b> , 15, 105-12	12.7	153
225	The biochemistry of neuronal necrosis: rogue biology?. <i>Nature Reviews Neuroscience</i> , <b>2003</b> , 4, 672-84	13.5	149
224	Prohibitin couples diapause signalling to mitochondrial metabolism during ageing in <i>C. elegans</i> . <i>Nature</i> , <b>2009</b> , 461, 793-7	50.4	146
223	Iron-Starvation-Induced Mitophagy Mediates Lifespan Extension upon Mitochondrial Stress in <i>C. elegans</i> . <i>Current Biology</i> , <b>2015</b> , 25, 1810-22	6.3	137
222	Modeling human diseases in <i>Caenorhabditis elegans</i> . <i>Biotechnology Journal</i> , <b>2010</b> , 5, 1261-76	5.6	135
221	Autophagy in the physiology and pathology of the central nervous system. <i>Cell Death and Differentiation</i> , <b>2015</b> , 22, 398-407	12.7	134
220	The role of synaptic ion channels in synaptic plasticity. <i>EMBO Reports</i> , <b>2006</b> , 7, 1104-10	6.5	129
219	Modulation of Autophagy by BDNF Underlies Synaptic Plasticity. <i>Cell Metabolism</i> , <b>2017</b> , 26, 230-242.e5	24.6	126
218	Unsaturated fatty acids induce non-canonical autophagy. <i>EMBO Journal</i> , <b>2015</b> , 34, 1025-41	13	126
217	Small heat-shock proteins protect from heat-stroke-associated neurodegeneration. <i>Nature</i> , <b>2012</b> , 490, 213-8	50.4	123
216	<i>Caenorhabditis elegans</i> : a versatile platform for drug discovery. <i>Biotechnology Journal</i> , <b>2006</b> , 1, 1405-18	5.6	123
215	Protein homeostasis in models of aging and age-related conformational disease. <i>Advances in Experimental Medicine and Biology</i> , <b>2010</b> , 694, 138-59	3.6	121
214	The effects of p53 on whole organism longevity are mediated by autophagy. <i>Autophagy</i> , <b>2008</b> , 4, 870-3	10.2	121
213	Mitophagy and Neuroprotection. <i>Trends in Molecular Medicine</i> , <b>2020</b> , 26, 8-20	11.5	119
212	Necrosis in yeast. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2010</b> , 15, 257-68	5.4	117
211	The life span-prolonging effect of sirtuin-1 is mediated by autophagy. <i>Autophagy</i> , <b>2010</b> , 6, 186-8	10.2	113
210	Death by necrosis. Uncontrollable catastrophe, or is there order behind the chaos?. <i>EMBO Reports</i> , <b>2002</b> , 3, 604-9	6.5	110
209	Regulation of muscle atrophy in aging and disease. <i>Advances in Experimental Medicine and Biology</i> , <b>2010</b> , 694, 211-33	3.6	107

208	Genetic models of mechanotransduction: the nematode <i>Caenorhabditis elegans</i> . <i>Physiological Reviews</i> , <b>2004</b> , 84, 1097-153	47.9	106
207	Spermidine protects against $\beta$ synuclein neurotoxicity. <i>Cell Cycle</i> , <b>2014</b> , 13, 3903-8	4.7	104
206	Proteolytic mechanisms in necrotic cell death and neurodegeneration. <i>FEBS Letters</i> , <b>2005</b> , 579, 3287-96	3.8	102
205	20S proteasome activation promotes life span extension and resistance to proteotoxicity in <i>Caenorhabditis elegans</i> . <i>FASEB Journal</i> , <b>2015</b> , 29, 611-22	0.9	101
204	The Role of Mitophagy in Innate Immunity. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1283	8.4	99
203	Mitophagy in neurodegeneration and aging. <i>Frontiers in Genetics</i> , <b>2012</b> , 3, 297	4.5	94
202	Ageing and the regulation of protein synthesis: a balancing act?. <i>Trends in Cell Biology</i> , <b>2008</b> , 18, 228-35	18.3	93
201	UNC-4/UNC-37-dependent repression of motor neuron-specific genes controls synaptic choice in <i>Caenorhabditis elegans</i> . <i>Genes and Development</i> , <b>1999</b> , 13, 2774-86	12.6	93
200	Lysosomal biogenesis and function is critical for necrotic cell death in <i>Caenorhabditis elegans</i> . <i>Journal of Cell Biology</i> , <b>2006</b> , 173, 231-9	7.3	90
199	Hypoxia and Selective Autophagy in Cancer Development and Therapy. <i>Frontiers in Cell and Developmental Biology</i> , <b>2018</b> , 6, 104	5.7	88
198	The vacuolar H <sup>+</sup> -ATPase mediates intracellular acidification required for neurodegeneration in <i>C. elegans</i> . <i>Current Biology</i> , <b>2005</b> , 15, 1249-54	6.3	86
197	Anthranilate fluorescence marks a calcium-propagated necrotic wave that promotes organismal death in <i>C. elegans</i> . <i>PLoS Biology</i> , <b>2013</b> , 11, e1001613	9.7	85
196	Aspirin Recapitulates Features of Caloric Restriction. <i>Cell Reports</i> , <b>2018</b> , 22, 2395-2407	10.6	80
195	Autophagy in major human diseases. <i>EMBO Journal</i> , <b>2021</b> , 40, e108863	13	79
194	Mitophagy and age-related pathologies: Development of new therapeutics by targeting mitochondrial turnover. <i>Pharmacology &amp; Therapeutics</i> , <b>2017</b> , 178, 157-174	13.9	75
193	Autophagy in healthy aging and disease.. <i>Nature Aging</i> , <b>2021</b> , 1, 634-650		69
192	Mitochondria, autophagy and age-associated neurodegenerative diseases: New insights into a complex interplay. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2015</b> , 1847, 1412-23	4.6	65
191	Emerging Roles of Lipophagy in Health and Disease. <i>Frontiers in Cell and Developmental Biology</i> , <b>2019</b> , 7, 185	5.7	64

190	Regulation and Roles of Autophagy at Synapses. <i>Trends in Cell Biology</i> , <b>2018</b> , 28, 646-661	18.3	64
189	Caloric restriction and lifespan: a role for protein turnover?. <i>Mechanisms of Ageing and Development</i> , <b>2002</b> , 123, 215-29	5.6	64
188	Endonuclease G mediates $\beta$ synuclein cytotoxicity during Parkinson's disease. <i>EMBO Journal</i> , <b>2013</b> , 32, 3041-54	13	63
187	Genetically targeted cell disruption in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1997</b> , 94, 13128-33	11.5	63
186	Autophagy in Age-Associated Neurodegeneration. <i>Cells</i> , <b>2018</b> , 7,	7.9	59
185	Autophagy and ageing: insights from invertebrate model organisms. <i>Ageing Research Reviews</i> , <b>2013</b> , 12, 413-28	12	59
184	Calcium homeostasis in aging neurons. <i>Frontiers in Genetics</i> , <b>2012</b> , 3, 200	4.5	59
183	A synaptic DEG/ENaC ion channel mediates learning in <i>C. elegans</i> by facilitating dopamine signalling. <i>EMBO Journal</i> , <b>2008</b> , 27, 3288-99	13	58
182	Autophagy induction extends lifespan and reduces lipid content in response to frataxin silencing in <i>C. elegans</i> . <i>Experimental Gerontology</i> , <b>2013</b> , 48, 191-201	4.5	55
181	Coupling mitogenesis and mitophagy for longevity. <i>Autophagy</i> , <b>2015</b> , 11, 1428-30	10.2	53
180	Nemo: a computational tool for analyzing nematode locomotion. <i>BMC Neuroscience</i> , <b>2007</b> , 8, 86	3.2	52
179	The $\text{Ca}^{2+}/\text{Mn}^{2+}$ ion-pump PMR1 links elevation of cytosolic $\text{Ca}^{2+}$ levels to $\beta$ synuclein toxicity in Parkinson's disease models. <i>Cell Death and Differentiation</i> , <b>2013</b> , 20, 465-77	12.7	47
178	Nucleophagy: from homeostasis to disease. <i>Cell Death and Differentiation</i> , <b>2019</b> , 26, 630-639	12.7	46
177	SUMOylation and cell signalling. <i>Biotechnology Journal</i> , <b>2009</b> , 4, 1740-52	5.6	45
176	Mitochondrial protein quality control systems in aging and disease. <i>Advances in Experimental Medicine and Biology</i> , <b>2010</b> , 694, 108-25	3.6	42
175	Autophagy and the endo/exosomal pathways in health and disease. <i>Biotechnology Journal</i> , <b>2017</b> , 12, 1600175	5.6	40
174	18EGlycyrrhetic Acid Proteasome Activator Decelerates Aging and Alzheimer's Disease Progression in <i>Caenorhabditis elegans</i> and Neuronal Cultures. <i>Antioxidants and Redox Signaling</i> , <b>2016</b> , 25, 855-869	8.4	40
173	Acyl-CoA-Binding Protein Is a Lipogenic Factor that Triggers Food Intake and Obesity. <i>Cell Metabolism</i> , <b>2019</b> , 30, 754-767.e9	24.6	40

172	Microscopic optical projection tomography in vivo. <i>PLoS ONE</i> , <b>2011</b> , 6, e18963	3.7	40
171	Protein synthesis is a novel determinant of aging in <i>Caenorhabditis elegans</i> . <i>Annals of the New York Academy of Sciences</i> , <b>2007</b> , 1119, 289-95	6.5	38
170	Oxidative stress and mitochondrial protein quality control in aging. <i>Journal of Proteomics</i> , <b>2013</b> , 92, 181-94	3.9	37
169	Downregulation of lung mitochondrial prohibitin in COPD. <i>Respiratory Medicine</i> , <b>2012</b> , 106, 954-61	4.6	36
168	Correction for specimen movement and rotation errors for in-vivo Optical Projection Tomography. <i>Biomedical Optics Express</i> , <b>2010</b> , 1, 87-96	3.5	36
167	Metabolic control by target of rapamycin and autophagy during ageing - a mini-review. <i>Gerontology</i> , <b>2013</b> , 59, 340-8	5.5	35
166	Regulation of mRNA translation as a conserved mechanism of longevity control. <i>Advances in Experimental Medicine and Biology</i> , <b>2010</b> , 694, 14-29	3.6	34
165	Degenerins. <i>Annals of the New York Academy of Sciences</i> , <b>2006</b> , 940, 28-41	6.5	34
164	Mechanotransduction in <i>Caenorhabditis elegans</i> : the role of DEG/ENaC ion channels. <i>Cell Biochemistry and Biophysics</i> , <b>2001</b> , 35, 1-18	3.2	34
163	Mitophagy: In sickness and in health. <i>Molecular and Cellular Oncology</i> , <b>2016</b> , 3, e1056332	1.2	33
162	3,4-Dimethoxychalcone induces autophagy through activation of the transcription factors TFE3 and TFEB. <i>EMBO Molecular Medicine</i> , <b>2019</b> , 11, e10469	12	33
161	Proteasome function determines cellular homeostasis and the rate of aging. <i>Advances in Experimental Medicine and Biology</i> , <b>2010</b> , 694, 38-46	3.6	33
160	The NemaGENETAG initiative: large scale transposon insertion gene-tagging in <i>Caenorhabditis elegans</i> . <i>Genetica</i> , <b>2009</b> , 137, 39-46	1.5	33
159	Germ line transformation of the olive fly <i>Bactrocera oleae</i> using a versatile transgenesis marker. <i>Insect Molecular Biology</i> , <b>2006</b> , 15, 95-103	3.4	32
158	<i>Caenorhabditis elegans</i> as a model system for human diseases. <i>Current Opinion in Biotechnology</i> , <b>2020</b> , 63, 118-125	11.4	31
157	Ectopic fat deposition contributes to age-associated pathology in <i>Caenorhabditis elegans</i> . <i>Journal of Lipid Research</i> , <b>2017</b> , 58, 72-80	6.3	31
156	Longevity-relevant regulation of autophagy at the level of the acetylproteome. <i>Autophagy</i> , <b>2011</b> , 7, 647-60.2	8.2	30
155	In vivo imaging of cellular structures in <i>Caenorhabditis elegans</i> by combined TPEF, SHG and THG microscopy. <i>Journal of Microscopy</i> , <b>2008</b> , 229, 141-50	1.9	29

154	Induction of RNA interference in <i>Caenorhabditis elegans</i> by RNAs derived from plants exhibiting post-transcriptional gene silencing. <i>Nucleic Acids Research</i> , <b>2002</b> , 30, 1688-94	20.1	28
153	Inhibition of autophagy curtails visual loss in a model of autosomal dominant optic atrophy. <i>Nature Communications</i> , <b>2020</b> , 11, 4029	17.4	28
152	Synthesis, modification and turnover of proteins during aging. <i>Advances in Experimental Medicine and Biology</i> , <b>2010</b> , 694, 1-13	3.6	27
151	Label-free imaging of lipid depositions in <i>C. elegans</i> using third-harmonic generation microscopy. <i>PLoS ONE</i> , <b>2014</b> , 9, e84431	3.7	26
150	Regulation of protein turnover by longevity pathways. <i>Advances in Experimental Medicine and Biology</i> , <b>2010</b> , 694, 69-80	3.6	26
149	Longevity pathways and memory aging. <i>Frontiers in Genetics</i> , <b>2014</b> , 5, 155	4.5	25
148	Novel Insights Into the Anti-aging Role of Mitophagy. <i>International Review of Cell and Molecular Biology</i> , <b>2018</b> , 340, 169-208	6	23
147	KIT receptor activation by autocrine and paracrine stem cell factor stimulates growth of merkel cell carcinoma in vitro. <i>Journal of Cellular Physiology</i> , <b>2011</b> , 226, 1099-109	7	23
146	Post-translational modification of cellular proteins by ubiquitin and ubiquitin-like molecules: role in cellular senescence and aging. <i>Advances in Experimental Medicine and Biology</i> , <b>2010</b> , 694, 172-96	3.6	23
145	Protein synthesis and aging: eIF4E and the soma vs. germline distinction. <i>Cell Cycle</i> , <b>2007</b> , 6, 1168-71	4.7	23
144	SUMOylation in Neurodegenerative Diseases. <i>Gerontology</i> , <b>2020</b> , 66, 122-130	5.5	23
143	Protein synthesis and the antagonistic pleiotropy hypothesis of aging. <i>Advances in Experimental Medicine and Biology</i> , <b>2010</b> , 694, 30-7	3.6	23
142	<i>Caenorhabditis elegans</i> as a model for cancer research. <i>Molecular and Cellular Oncology</i> , <b>2015</b> , 2, e975027.2	7.2	22
141	Cell-specific monitoring of protein synthesis in vivo. <i>PLoS ONE</i> , <b>2009</b> , 4, e4547	3.7	22
140	<i>Caenorhabditis elegans</i> degenerins and vertebrate ENaC ion channels contain an extracellular domain related to venom neurotoxins. <i>Journal of Neurogenetics</i> , <b>2000</b> , 13, 257-64	1.6	22
139	Endocytosis and intracellular trafficking contribute to necrotic neurodegeneration in <i>C. elegans</i> . <i>EMBO Journal</i> , <b>2012</b> , 31, 654-66	13	21
138	Autophagy and longevity: lessons from <i>C. elegans</i> . <i>Advances in Experimental Medicine and Biology</i> , <b>2010</b> , 694, 47-60	3.6	21
137	Signaling pathways regulating protein synthesis during ageing. <i>Experimental Gerontology</i> , <b>2006</b> , 41, 1020-5	4.5	21



136	Selective and differential interactions of BNN27, a novel C17-spiroepoxy steroid derivative, with TrkA receptors, regulating neuronal survival and differentiation. <i>Neuropharmacology</i> , <b>2016</b> , 111, 266-282	5.5	21
135	Small heat shock proteins in ageing and age-related diseases. <i>Cell Stress and Chaperones</i> , <b>2017</b> , 22, 481-492	4.7	20
134	Spermidine promotes mating and fertilization efficiency in model organisms. <i>Cell Cycle</i> , <b>2013</b> , 12, 346-524	7	20
133	Generalized matrix models and AGT correspondence at all genera. <i>Journal of High Energy Physics</i> , <b>2011</b> , 2011, 1	5.4	20
132	Non-developmentally programmed cell death in <i>Caenorhabditis elegans</i> . <i>Seminars in Cancer Biology</i> , <b>2007</b> , 17, 122-33	12.7	20
131	Neurodegenerative conditions associated with ageing: a molecular interplay?. <i>Mechanisms of Ageing and Development</i> , <b>2005</b> , 126, 23-33	5.6	20
130	Acyl-CoA-binding protein (ACBP): a phylogenetically conserved appetite stimulator. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 7	9.8	20
129	Multimodal sensory processing in. <i>Open Biology</i> , <b>2018</b> , 8,	7	19
128	Autophagy and cell death in <i>Caenorhabditis elegans</i> . <i>Current Pharmaceutical Design</i> , <b>2008</b> , 14, 97-115	3.3	19
127	A customized light sheet microscope to measure spatio-temporal protein dynamics in small model organisms. <i>PLoS ONE</i> , <b>2015</b> , 10, e0127869	3.7	19
126	Opposing function of mitochondrial prohibitin in aging. <i>Aging</i> , <b>2010</b> , 2, 1004-11	5.6	19
125	Transgenesis in <i>Caenorhabditis elegans</i> . <i>Methods in Molecular Biology</i> , <b>2009</b> , 561, 21-39	1.4	19
124	Regulation and roles of mitophagy at synapses. <i>Mechanisms of Ageing and Development</i> , <b>2020</b> , 187, 1112-16	3.6	18
123	In Vitro and In Vivo Detection of Mitophagy in Human Cells, <i>C. Elegans</i> , and Mice. <i>Journal of Visualized Experiments</i> , <b>2017</b> ,	1.6	18
122	The nucleotide-binding proteins Nubp1 and Nubp2 are negative regulators of ciliogenesis. <i>Cellular and Molecular Life Sciences</i> , <b>2014</b> , 71, 517-38	10.3	18
121	Autophagy and aging: lessons from progeria models. <i>Advances in Experimental Medicine and Biology</i> , <b>2010</b> , 694, 61-8	3.6	18
120	Non-apoptotic cell death in <i>Caenorhabditis elegans</i> . <i>Developmental Dynamics</i> , <b>2010</b> , 239, 1337-51	2.9	18
119	Cardiomyocyte necrosis: alternative mechanisms, effective interventions. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2007</b> , 1773, 480-2	4.9	18

118	Transcriptional interference caused by GCN4 overexpression reveals multiple interactions mediating transcriptional activation. <i>Molecular Genetics and Genomics</i> , <b>1995</b> , 247, 571-8		18
117	Differential adiponectin signalling couples ER stress with lipid metabolism to modulate ageing in <i>C. elegans</i> . <i>Scientific Reports</i> , <b>2017</b> , 7, 5115	4.9	17
116	Automated motion correction for in vivo optical projection tomography. <i>IEEE Transactions on Medical Imaging</i> , <b>2012</b> , 31, 1358-71	11.7	17
115	Differential Protein Distribution between the Nucleus and Mitochondria: Implications in Aging. <i>Frontiers in Genetics</i> , <b>2016</b> , 7, 162	4.5	17
114	Mechanisms of aging and energy metabolism in <i>Caenorhabditis elegans</i> . <i>IUBMB Life</i> , <b>2008</b> , 60, 315-22	4.7	16
113	Maintenance of Proteostasis by P Body-Mediated Regulation of eIF4E Availability during Aging in <i>Caenorhabditis elegans</i> . <i>Cell Reports</i> , <b>2018</b> , 25, 199-211.e6	10.6	16
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111	Mitochondrial turnover and homeostasis in ageing and neurodegeneration. <i>FEBS Letters</i> , <b>2020</b> , 594, 2376-2379	9.8	15
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