

# Sharad Kumar

## List of Publications by Citations

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247  
papers

31,018  
citations

80  
h-index

174  
g-index

433  
ext. papers

35,410  
ext. citations

8.3  
avg, IF

7.05  
L-index

#	Paper	IF	Citations
247	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
246	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-546.2	10.2	2783
245	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
244	Classification of cell death: recommendations of the Nomenclature Committee on Cell Death 2009. <i>Cell Death and Differentiation</i> , <b>2009</b> , 16, 3-11	12.7	2114
243	Molecular definitions of cell death subroutines: recommendations of the Nomenclature Committee on Cell Death 2012. <i>Cell Death and Differentiation</i> , <b>2012</b> , 19, 107-20	12.7	1843
242	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , <b>2017</b> , 36, 1811-1836	13	857
241	Autophagy in malignant transformation and cancer progression. <i>EMBO Journal</i> , <b>2015</b> , 34, 856-80	13	801
240	Physiological functions of the HECT family of ubiquitin ligases. <i>Nature Reviews Molecular Cell Biology</i> , <b>2009</b> , 10, 398-409	48.7	736
239	Old, new and emerging functions of caspases. <i>Cell Death and Differentiation</i> , <b>2015</b> , 22, 526-39	12.7	709
238	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
237	Caspase function in programmed cell death. <i>Cell Death and Differentiation</i> , <b>2007</b> , 14, 32-43	12.7	612
236	Guidelines for the use and interpretation of assays for monitoring cell death in higher eukaryotes. <i>Cell Death and Differentiation</i> , <b>2009</b> , 16, 1093-107	12.7	533
235	Identification of a set of genes with developmentally down-regulated expression in the mouse brain. <i>Biochemical and Biophysical Research Communications</i> , <b>1992</b> , 185, 1155-61	3.4	450
234	ICE-like proteases in apoptosis. <i>Trends in Biochemical Sciences</i> , <b>1995</b> , 20, 198-202	10.3	318
233	Cell death by autophagy: facts and apparent artefacts. <i>Cell Death and Differentiation</i> , <b>2012</b> , 19, 87-95	12.7	296
232	Autophagy, not apoptosis, is essential for midgut cell death in <i>Drosophila</i> . <i>Current Biology</i> , <b>2009</b> , 19, 1741-6	6.3	285
231	DRONC, an ecdysone-inducible <i>Drosophila</i> caspase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 4307-12	11.5	249

230	Selective regulation of apoptosis: the cytotoxic lymphocyte serpin proteinase inhibitor 9 protects against granzyme B-mediated apoptosis without perturbing the Fas cell death pathway. <i>Molecular and Cellular Biology</i> , <b>1998</b> , 18, 6387-98	4.8	243
229	Autophagy-dependent cell death. <i>Cell Death and Differentiation</i> , <b>2019</b> , 26, 605-616	12.7	240
228	Caspases Connect Cell-Death Signaling to Organismal Homeostasis. <i>Immunity</i> , <b>2016</b> , 44, 221-31	32.3	190
227	Mammalian HECT ubiquitin-protein ligases: biological and pathophysiological aspects. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2014</b> , 1843, 61-74	4.9	185
226	Nedd4-like proteins: an emerging family of ubiquitin-protein ligases implicated in diverse cellular functions. <i>Trends in Cell Biology</i> , <b>1999</b> , 9, 166-9	18.3	175
225	The role of cytochrome c in caspase activation in <i>Drosophila melanogaster</i> cells. <i>Journal of Cell Biology</i> , <b>2002</b> , 156, 1089-98	7.3	167
224	Nedd4 and Nedd4-2: closely related ubiquitin-protein ligases with distinct physiological functions. <i>Cell Death and Differentiation</i> , <b>2010</b> , 17, 68-77	12.7	159
223	The biochemical mechanism of caspase-2 activation. <i>Cell Death and Differentiation</i> , <b>2004</b> , 11, 1234-41	12.7	158
222	Dasatinib cellular uptake and efflux in chronic myeloid leukemia cells: therapeutic implications. <i>Clinical Cancer Research</i> , <b>2008</b> , 14, 3881-8	12.9	157
221	Apaf-1 and caspase-9 accelerate apoptosis, but do not determine whether factor-deprived or drug-treated cells die. <i>Journal of Cell Biology</i> , <b>2004</b> , 165, 835-42	7.3	156
220	Caspase-2 is not required for thymocyte or neuronal apoptosis even though cleavage of caspase-2 is dependent on both Apaf-1 and caspase-9. <i>Cell Death and Differentiation</i> , <b>2002</b> , 9, 832-41	12.7	156
219	Calpain activation is upstream of caspases in radiation-induced apoptosis. <i>Cell Death and Differentiation</i> , <b>1998</b> , 5, 1051-61	12.7	155
218	<i>Drosophila</i> caspase DRONC is required for specific developmental cell death pathways and stress-induced apoptosis. <i>Developmental Cell</i> , <b>2004</b> , 7, 909-15	10.2	150
217	Debcl, a proapoptotic Bcl-2 homologue, is a component of the <i>Drosophila melanogaster</i> cell death machinery. <i>Journal of Cell Biology</i> , <b>2000</b> , 148, 703-14	7.3	149
216	The histone deacetylase SIRT2 stabilizes Myc oncoproteins. <i>Cell Death and Differentiation</i> , <b>2013</b> , 20, 503-14	14.7	141
215	A novel Apaf-1-independent putative caspase-2 activation complex. <i>Journal of Cell Biology</i> , <b>2002</b> , 159, 739-45	7.3	136
214	Enhancing DNA vaccine potency by coadministration of DNA encoding antiapoptotic proteins. <i>Journal of Clinical Investigation</i> , <b>2003</b> , 112, 109-117	15.9	135
213	The apical caspase dronc governs programmed and unprogrammed cell death in <i>Drosophila</i> . <i>Developmental Cell</i> , <b>2004</b> , 7, 897-907	10.2	131

212	A tumor suppressor function for caspase-2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 5336-41	11.5	129
211	Regulation of functional diversity within the Nedd4 family by accessory and adaptor proteins. <i>BioEssays</i> , <b>2006</b> , 28, 617-28	4.1	129
210	Nedd4 mediates control of an epithelial Na <sup>+</sup> channel in salivary duct cells by cytosolic Na <sup>+</sup> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1998</b> , 95, 7169-73	11.5	128
209	cDNA cloning, expression analysis, and mapping of the mouse Nedd4 gene. <i>Genomics</i> , <b>1997</b> , 40, 435-43	4.3	127
208	Prodomain-dependent nuclear localization of the caspase-2 (Nedd2) precursor. A novel function for a caspase prodomain. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 24535-42	5.4	126
207	Identification of septins in neurofibrillary tangles in Alzheimer's disease. <i>American Journal of Pathology</i> , <b>1998</b> , 153, 1551-60	5.8	124
206	Autophagy as a pro-death pathway. <i>Immunology and Cell Biology</i> , <b>2015</b> , 93, 35-42	5	123
205	An essential role for the caspase dronc in developmentally programmed cell death in Drosophila. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 40416-24	5.4	121
204	Regulation of neuronal voltage-gated sodium channels by the ubiquitin-protein ligases Nedd4 and Nedd4-2. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 28930-5	5.4	118
203	Nedd4 controls animal growth by regulating IGF-1 signaling. <i>Science Signaling</i> , <b>2008</b> , 1, ra5	8.8	117
202	The Nedd4-like protein KIAA0439 is a potential regulator of the epithelial sodium channel. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 8597-601	5.4	116
201	Functional activation of Nedd2/ICH-1 (caspase-2) is an early process in apoptosis. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 13134-9	5.4	113
200	Role of multiple cellular proteases in the execution of programmed cell death. <i>FEBS Letters</i> , <b>1995</b> , 375, 169-73	3.8	112
199	Caspase 2 in apoptosis, the DNA damage response and tumour suppression: enigma no more?. <i>Nature Reviews Cancer</i> , <b>2009</b> , 9, 897-903	31.3	111
198	Cloning of a cDNA which encodes a novel ubiquitin-like protein. <i>Biochemical and Biophysical Research Communications</i> , <b>1993</b> , 195, 393-9	3.4	108
197	Regulation of the divalent metal ion transporter DMT1 and iron homeostasis by a ubiquitin-dependent mechanism involving Ndfips and WWP2. <i>Blood</i> , <b>2008</b> , 112, 4268-75	2.2	107
196	Akt mediates the effect of insulin on epithelial sodium channels by inhibiting Nedd4-2. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 29866-73	5.4	106
195	All three WW domains of murine Nedd4 are involved in the regulation of epithelial sodium channels by intracellular Na <sup>+</sup> . <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 12525-30	5.4	104

194	Caspase-2 is required for cell death induced by cytoskeletal disruption. <i>Oncogene</i> , <b>2008</b> , 27, 3393-404	9.2	103
193	Grb10 prevents Nedd4-mediated vascular endothelial growth factor receptor-2 degradation. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 26754-61	5.4	103
192	Nedd4 family-interacting protein 1 (Ndfip1) is required for the exosomal secretion of Nedd4 family proteins. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 32621-7	5.4	101
191	Buffy, a Drosophila Bcl-2 protein, has anti-apoptotic and cell cycle inhibitory functions. <i>EMBO Journal</i> , <b>2003</b> , 22, 3568-79	13	101
190	Ubiquitination and the Regulation of Membrane Proteins. <i>Physiological Reviews</i> , <b>2017</b> , 97, 253-281	47.9	100
189	Heteronuclear ribonucleoproteins C1 and C2, components of the spliceosome, are specific targets of interleukin 1beta-converting enzyme-like proteases in apoptosis. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 29335-41	5.4	100
188	DECAY, a novel Drosophila caspase related to mammalian caspase-3 and caspase-7. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 30778-83	5.4	99
187	The two cytochrome c species, DC3 and DC4, are not required for caspase activation and apoptosis in Drosophila cells. <i>Journal of Cell Biology</i> , <b>2004</b> , 167, 405-10	7.3	97
186	Renal tubular NEDD4-2 deficiency causes NCC-mediated salt-dependent hypertension. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 657-65	15.9	97
185	N4WBP5, a potential target for ubiquitination by the Nedd4 family of proteins, is a novel Golgi-associated protein. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 9307-17	5.4	96
184	Apoptosis. A cinderella caspase takes center stage. <i>Science</i> , <b>2002</b> , 297, 1290-1	33.3	95
183	Prodomains--adaptors--oligomerization: the pursuit of caspase activation in apoptosis. <i>Trends in Biochemical Sciences</i> , <b>1999</b> , 24, 1-4	10.3	95
182	Ticket to a bubble ride: Cargo sorting into exosomes and extracellular vesicles. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2019</b> , 1867, 140203	4	93
181	Dimerization and autoprocessing of the Nedd2 (caspase-2) precursor requires both the prodomain and the carboxyl-terminal regions. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 6763-8	5.4	90
180	The role of individual Nedd4-2 (KIAA0439) WW domains in binding and regulating epithelial sodium channels. <i>FASEB Journal</i> , <b>2003</b> , 17, 70-2	0.9	89
179	Ecdysone-induced expression of the caspase DRONC during hormone-dependent programmed cell death in Drosophila is regulated by Broad-Complex. <i>Journal of Cell Biology</i> , <b>2002</b> , 157, 985-95	7.3	89
178	Identification of multiple proteins expressed in murine embryos as binding partners for the WW domains of the ubiquitin-protein ligase Nedd4. <i>Biochemical Journal</i> , <b>2000</b> , 351, 557-565	3.8	88
177	Definitive 15N NMR evidence that water serves as a source of R during nitrite oxidation by <i>Nitrobacter agilis</i> . <i>FEBS Letters</i> , <b>1983</b> , 152, 71-4	3.8	88

176	New insights into apoptosome structure and function. <i>Cell Death and Differentiation</i> , <b>2018</b> , 25, 1194-1208.	2.7	88
175	Death to flies: <i>Drosophila</i> as a model system to study programmed cell death. <i>Journal of Immunological Methods</i> , <b>2002</b> , 265, 21-38	2.5	87
174	NEDD4-2 (NEDD4L): the ubiquitin ligase for multiple membrane proteins. <i>Gene</i> , <b>2015</b> , 557, 1-10	3.8	85
173	NEDD4: The founding member of a family of ubiquitin-protein ligases. <i>Gene</i> , <b>2015</b> , 557, 113-22	3.8	85
172	Role of prodomain in importin-mediated nuclear localization and activation of caspase-2. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 4899-905	5.4	85
171	Apaf-1/cytochrome c apoptosome: an essential initiator of caspase activation or just a sideshow?. <i>Cell Death and Differentiation</i> , <b>2003</b> , 10, 16-8	12.7	85
170	mGrb10 interacts with Nedd4. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 24094-9	5.4	85
169	Divalent metal transporter 1 (DMT1) regulation by Ndfip1 prevents metal toxicity in human neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 15489-94	11.5	83
168	Ndfip1 regulates nuclear Pten import in vivo to promote neuronal survival following cerebral ischemia. <i>Journal of Cell Biology</i> , <b>2012</b> , 196, 29-36	7.3	81
167	Autophagy in major human diseases. <i>EMBO Journal</i> , <b>2021</b> , 40, e108863	13	79
166	Ecdysone receptor directly binds the promoter of the <i>Drosophila</i> caspase dronc, regulating its expression in specific tissues. <i>Journal of Cell Biology</i> , <b>2004</b> , 165, 631-40	7.3	78
165	Caspase-2 deficiency promotes aberrant DNA-damage response and genetic instability. <i>Cell Death and Differentiation</i> , <b>2012</b> , 19, 1288-98	12.7	77
164	Nedd4-2 functionally interacts with ClC-5: involvement in constitutive albumin endocytosis in proximal tubule cells. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 54996-5007	5.4	75
163	Regulation of the epithelial sodium channel by N4WBP5A, a novel Nedd4/Nedd4-2-interacting protein. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 29406-16	5.4	75
162	Chemokine receptors CXCR4 and CCR7 promote metastasis by preventing anoikis in cancer cells. <i>Cell Death and Differentiation</i> , <b>2009</b> , 16, 664-73	12.7	72
161	Role of Bcl-2 family of proteins in malignancy. <i>Hematological Oncology</i> , <b>2002</b> , 20, 63-74	1.3	71
160	Characterization of the <i>Drosophila</i> caspase, DAMM. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 25342-50	5.4	71
159	Regulation of the voltage-gated K(+) channels KCNQ2/3 and KCNQ3/5 by ubiquitination. Novel role for Nedd4-2. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 12135-42	5.4	70

158	Caspase-2 as a tumour suppressor. <i>Cell Death and Differentiation</i> , <b>2013</b> , 20, 1133-9	12.7	69
157	Respiratory distress and perinatal lethality in Nedd4-2-deficient mice. <i>Nature Communications</i> , <b>2011</b> , 2, 287	17.4	68
156	The apoptotic cysteine protease CPP32. <i>International Journal of Biochemistry and Cell Biology</i> , <b>1997</b> , 29, 393-6	5.6	65
155	The kinase Grk2 regulates Nedd4/Nedd4-2-dependent control of epithelial Na <sup>+</sup> channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 11886-90	11.5	65
154	STRICA, a novel <i>Drosophila melanogaster</i> caspase with an unusual serine/threonine-rich prodomain, interacts with DIAP1 and DIAP2. <i>Cell Death and Differentiation</i> , <b>2001</b> , 8, 387-94	12.7	65
153	Conversion of procaspase-3 to an autoactivating caspase by fusion to the caspase-2 prodomain. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 26566-70	5.4	64
152	Structure of the <i>Drosophila</i> apoptosome at 6.9 Å resolution. <i>Structure</i> , <b>2011</b> , 19, 128-40	5.2	63
151	Enhancing DNA vaccine potency by coadministration of DNA encoding antiapoptotic proteins. <i>Journal of Clinical Investigation</i> , <b>2003</b> , 112, 109-17	15.9	63
150	Processing of the Nedd2 precursor by ICE-like proteases and granzyme B. <i>Genes To Cells</i> , <b>1996</b> , 1, 673-85.	3	61
149	Transcriptional control of the core cell-death machinery. <i>Trends in Biochemical Sciences</i> , <b>2004</b> , 29, 193-9	10.3	60
148	Impaired antioxidant defence and accumulation of oxidative stress in caspase-2-deficient mice. <i>Cell Death and Differentiation</i> , <b>2012</b> , 19, 1370-80	12.7	59
147	The <i>Drosophila melanogaster</i> Apaf-1 homologue ARK is required for most, but not all, programmed cell death. <i>Journal of Cell Biology</i> , <b>2006</b> , 172, 809-15	7.3	58
146	Up-regulation of the Nedd2 gene encoding an ICE/Ced-3-like cysteine protease in the gerbil brain after transient global ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>1997</b> , 17, 507-14	7.3	57
145	N4WBP5A (Ndfip2), a Nedd4-interacting protein, localizes to multivesicular bodies and the Golgi, and has a potential role in protein trafficking. <i>Journal of Cell Science</i> , <b>2004</b> , 117, 3679-89	5.3	56
144	Relationship between growth arrest and autophagy in midgut programmed cell death in <i>Drosophila</i> . <i>Cell Death and Differentiation</i> , <b>2012</b> , 19, 1299-307	12.7	55
143	DRG: a novel developmentally regulated GTP-binding protein. <i>Biochemical and Biophysical Research Communications</i> , <b>1992</b> , 189, 363-70	3.4	54
142	Cell death by apoptosis in acute leukaemia. <i>Journal of Pathology</i> , <b>1989</b> , 158, 123-9	9.4	54
141	Caspase-mediated cleavage of the ubiquitin-protein ligase Nedd4 during apoptosis. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 13524-30	5.4	52



140	Loss of caspase-2 augments lymphomagenesis and enhances genomic instability in Atm-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 19920-5	11.5	51
139	Larval midgut destruction in Drosophila: not dependent on caspases but suppressed by the loss of autophagy. <i>Autophagy</i> , <b>2010</b> , 6, 163-5	10.2	49
138	Ecdysone-mediated up-regulation of the effector caspase DRICE is required for hormone-dependent apoptosis in Drosophila cells. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 11981-6	5.4	48
137	Developmentally programmed cell death in Drosophila. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2013</b> , 1833, 3499-3506	4.9	47
136	A biochemical analysis of the activation of the Drosophila caspase DRONC. <i>Cell Death and Differentiation</i> , <b>2008</b> , 15, 461-70	12.7	47
135	Regulation of caspase activation in apoptosis: implications in pathogenesis and treatment of disease. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>1999</b> , 26, 295-303	3	47
134	Inhibition of apoptosis by the expression of antisense Nedd2. <i>FEBS Letters</i> , <b>1995</b> , 368, 69-72	3.8	47
133	NEDD4-2 as a potential candidate susceptibility gene for epileptic photosensitivity. <i>Genes, Brain and Behavior</i> , <b>2007</b> , 6, 750-5	3.6	46
132	Targeted disruption of caspase genes in mice: what they tell us about the functions of individual caspases in apoptosis. <i>Immunology and Cell Biology</i> , <b>1999</b> , 77, 58-63	5	46
131	Blocking cytokine signaling along with intense Bcr-Abl kinase inhibition induces apoptosis in primary CML progenitors. <i>Leukemia</i> , <b>2010</b> , 24, 771-8	10.7	45
130	The activity of the epithelial sodium channels is regulated by caveolin-1 via a Nedd4-2-dependent mechanism. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 12663-9	5.4	45
129	ER stress does not cause upregulation and activation of caspase-2 to initiate apoptosis. <i>Cell Death and Differentiation</i> , <b>2014</b> , 21, 475-80	12.7	41
128	UTX coordinates steroid hormone-mediated autophagy and cell death. <i>Nature Communications</i> , <b>2013</b> , 4, 2916	17.4	41
127	Nedd4-WW domain-binding protein 5 (Ndfip1) is associated with neuronal survival after acute cortical brain injury. <i>Journal of Neuroscience</i> , <b>2006</b> , 26, 7234-44	6.6	41
126	Caspase-2-mediated cell death is required for deleting aneuploid cells. <i>Oncogene</i> , <b>2017</b> , 36, 2704-2714	9.2	39
125	Distinct requirements of Autophagy-related genes in programmed cell death. <i>Cell Death and Differentiation</i> , <b>2015</b> , 22, 1792-802	12.7	39
124	Physiological Functions of Nedd4-2: Lessons from Knockout Mouse Models. <i>Trends in Biochemical Sciences</i> , <b>2018</b> , 43, 635-647	10.3	38
123	Ndfip1-deficient mice have impaired DMT1 regulation and iron homeostasis. <i>Blood</i> , <b>2011</b> , 117, 638-46	2.2	34



122	Identification of multiple proteins expressed in murine embryos as binding partners for the WW domains of the ubiquitin-protein ligase Nedd4. <i>Biochemical Journal</i> , <b>2000</b> , 351, 557	3.8	34
121	Isoform specific regulation of divalent metal (ion) transporter (DMT1) by proteasomal degradation. <i>BioMetals</i> , <b>2012</b> , 25, 787-93	3.4	33
120	Apoptosis regulatory gene NEDD2 maps to human chromosome segment 7q34-35, a region frequently affected in haematological neoplasms. <i>Human Genetics</i> , <b>1995</b> , 95, 641-4	6.3	33
119	Expression of DRG during murine embryonic development. <i>Biochemical and Biophysical Research Communications</i> , <b>1992</b> , 189, 371-7	3.4	33
118	Distinct promoter regions regulate spatial and temporal expression of the Drosophila caspase dronc. <i>Cell Death and Differentiation</i> , <b>2003</b> , 10, 1348-56	12.7	32
117	A direct interaction with NEDD1 regulates gamma-tubulin recruitment to the centrosome. <i>PLoS ONE</i> , <b>2010</b> , 5, e9618	3.7	32
116	Dpp regulates autophagy-dependent midgut removal and signals to block ecdysone production. <i>Cell Death and Differentiation</i> , <b>2019</b> , 26, 763-778	12.7	29
115	Prevalence of ocular signs and subclinical vitamin A deficiency and its determinants among rural pre-school children in India. <i>Public Health Nutrition</i> , <b>2012</b> , 15, 568-77	3.3	29
114	Origin, expression and possible functions of the two alternatively spliced forms of the mouse Nedd2 mRNA. <i>Cell Death and Differentiation</i> , <b>1997</b> , 4, 378-387	12.7	29
113	Age-related proteostasis and metabolic alterations in Caspase-2-deficient mice. <i>Cell Death and Disease</i> , <b>2015</b> , 6, e1615	9.8	28
112	Methods and protocols for studying cell death in Drosophila. <i>Methods in Enzymology</i> , <b>2008</b> , 446, 17-37	1.7	28
111	An arginine-histone methyltransferase, CARMER, coordinates ecdysone-mediated apoptosis in Drosophila cells. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 18467-71	5.4	28
110	Regulation of the divalent metal ion transporter via membrane budding. <i>Cell Discovery</i> , <b>2016</b> , 2, 16011	22.3	27
109	Caspase-2 deficiency accelerates chemically induced liver cancer in mice. <i>Cell Death and Differentiation</i> , <b>2016</b> , 23, 1727-36	12.7	26
108	Recombinant caspase-3 expressed in <i>Pichia pastoris</i> is fully activated and kinetically indistinguishable from the native enzyme. <i>Biochemical and Biophysical Research Communications</i> , <b>1997</b> , 238, 920-4	3.4	26
107	Molecular determinants of the subcellular localization of the Drosophila Bcl-2 homologues DEBCL and BUFFY. <i>Cell Death and Differentiation</i> , <b>2007</b> , 14, 907-15	12.7	26
106	Caspases in metabolic disease and their therapeutic potential. <i>Cell Death and Differentiation</i> , <b>2018</b> , 25, 1010-1024	12.7	25
105	Ecdysone-mediated programmed cell death in Drosophila. <i>International Journal of Developmental Biology</i> , <b>2015</b> , 59, 23-32	1.9	25

104	dLKR/SDH regulates hormone-mediated histone arginine methylation and transcription of cell death genes. <i>Journal of Cell Biology</i> , <b>2008</b> , 182, 481-95	7.3	25
103	Na(+)-H(+) exchange in salivary secretory cells is controlled by an intracellular Na(+) receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 9949-53	11.5	25
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