Sharad Kumar

List of Publications by Year
in descending order

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258 papers	39,582 citations	5248 83 h-index	2736 192 g-index
433 all docs	433 docs citations	433 times ranked	48759 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
2	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	5.0	4,036
3	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
4	Classification of cell death: recommendations of the Nomenclature Committee on Cell Death 2009. Cell Death and Differentiation, 2009, 16, 3-11.	5.0	2,572
5	Molecular definitions of cell death subroutines: recommendations of the Nomenclature Committee on Cell Death 2012. Cell Death and Differentiation, 2012, 19, 107-120.	5.0	2,144
6	Molecular definitions of autophagy and related processes. EMBO Journal, 2017, 36, 1811-1836.	3.5	1,230
7	Autophagy in malignant transformation and cancer progression. EMBO Journal, 2015, 34, 856-880.	3.5	1,012
8	Old, new and emerging functions of caspases. Cell Death and Differentiation, 2015, 22, 526-539.	5.0	1,000
9	Physiological functions of the HECT family of ubiquitin ligases. Nature Reviews Molecular Cell Biology, 2009, 10, 398-409.	16.1	888
10	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. Cell Death and Differentiation, 2015, 22, 58-73.	5.0	811
11	Caspase function in programmed cell death. Cell Death and Differentiation, 2007, 14, 32-43.	5.0	711
12	Autophagy in major human diseases. EMBO Journal, 2021, 40, e108863.	3.5	615
13	Guidelines for the use and interpretation of assays for monitoring cell death in higher eukaryotes. Cell Death and Differentiation, 2009, 16, 1093-1107.	5.0	599
14	Identification of a set of genes with developmentally down-regulated expression in the mouse brain. Biochemical and Biophysical Research Communications, 1992, 185, 1155-1161.	1.0	508
15	Autophagy-dependent cell death. Cell Death and Differentiation, 2019, 26, 605-616.	5.0	483
16	ICE-like proteases in apoptosis. Trends in Biochemical Sciences, 1995, 20, 198-202.	3.7	357
17	Autophagy, Not Apoptosis, Is Essential for Midgut Cell Death in Drosophila. Current Biology, 2009, 19, 1741-1746.	1.8	337
18	Cell death by autophagy: facts and apparent artefacts. Cell Death and Differentiation, 2012, 19, 87-95.	5.0	334

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19	Caspases Connect Cell-Death Signaling to Organismal Homeostasis. Immunity, 2016, 44, 221-231.	6.6	279
20	DRONC, an ecdysone-inducible Drosophila caspase. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 4307-4312.	3.3	271
21	Selective Regulation of Apoptosis: the Cytotoxic Lymphocyte Serpin Proteinase Inhibitor 9 Protects against Granzyme B-Mediated Apoptosis without Perturbing the Fas Cell Death Pathway. Molecular and Cellular Biology, 1998, 18, 6387-6398.	1.1	267
22	Mammalian HECT ubiquitin-protein ligases: Biological and pathophysiological aspects. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 61-74.	1.9	241
23	Nedd4 and Nedd4-2: closely related ubiquitin-protein ligases with distinct physiological functions. Cell Death and Differentiation, 2010, 17, 68-77.	5.0	198
24	Nedd4-like proteins: an emerging family of ubiquitin-protein ligases implicated in diverse cellular functions. Trends in Cell Biology, 1999, 9, 166-169.	3.6	189
25	The biochemical mechanism of caspase-2 activation. Cell Death and Differentiation, 2004, 11, 1234-1241.	5.0	181
26	Ticket to a bubble ride: Cargo sorting into exosomes and extracellular vesicles. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2019, 1867, 140203.	1.1	179
27	The role of cytochrome c in caspase activation in Drosophila melanogaster cells. Journal of Cell Biology, 2002, 156, 1089-1098.	2.3	178
28	Ubiquitination and the Regulation of Membrane Proteins. Physiological Reviews, 2017, 97, 253-281.	13.1	177
29	The histone deacetylase SIRT2 stabilizes Myc oncoproteins. Cell Death and Differentiation, 2013, 20, 503-514.	5.0	171
30	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. Cell Death and Differentiation, 2002, 9, 832-841.	5.0	170
31	Apaf-1 and caspase-9 accelerate apoptosis, but do not determine whether factor-deprived or drug-treated cells die. Journal of Cell Biology, 2004, 165, 835-842.	2.3	169
32	Dasatinib Cellular Uptake and Efflux in Chronic Myeloid Leukemia Cells: Therapeutic Implications. Clinical Cancer Research, 2008, 14, 3881-3888.	3.2	169
33	Calpain activation is upstream of caspases in radiation-induced apoptosis. Cell Death and Differentiation, 1998, 5, 1051-1061.	5.0	168
34	Debcl, a Proapoptotic Bcl-2 Homologue, Is a Component of the Drosophila melanogaster Cell Death Machinery. Journal of Cell Biology, 2000, 148, 703-714.	2.3	161
35	Drosophila Caspase DRONC Is Required for Specific Developmental Cell Death Pathways and Stress-Induced Apoptosis. Developmental Cell, 2004, 7, 909-915.	3.1	159
36	New insights into apoptosome structure and function. Cell Death and Differentiation, 2018, 25, 1194-1208.	5.0	156

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37	A novel Apaf-1â€“independent putative caspase-2 activation complex. Journal of Cell Biology, 2002, 159, 739-745.	2.3	151
38	A tumor suppressor function for caspase-2. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5336-5341.	3.3	151
39	Nedd4 Controls Animal Growth by Regulating IGF-1 Signaling. Science Signaling, 2008, 1, ra5.	1.6	148
40	Autophagy as a proâ€death pathway. Immunology and Cell Biology, 2015, 93, 35-42.	1.0	143
41	cDNA Cloning, Expression Analysis, and Mapping of the MouseNedd4Gene. Genomics, 1997, 40, 435-443.	1.3	142
42	Enhancing DNA vaccine potency by coadministration of DNA encoding antiapoptotic proteins. Journal of Clinical Investigation, 2003, 112, 109-117.	3.9	142
43	Regulation of functional diversity within the Nedd4 family by accessory and adaptor proteins. BioEssays, 2006, 28, 617-628.	1.2	141
44	Prodomain-dependent Nuclear Localization of the Caspase-2 (Nedd2) Precursor. Journal of Biological Chemistry, 1998, 273, 24535-24542.	1.6	140
45	The Apical Caspase dronc Governs Programmed and Unprogrammed Cell Death in Drosophila. Developmental Cell, 2004, 7, 897-907.	3.1	140
46	Regulation of Neuronal Voltage-gated Sodium Channels by the Ubiquitin-Protein Ligases Nedd4 and Nedd4-2. Journal of Biological Chemistry, 2004, 279, 28930-28935.	1.6	138
47	An Essential Role for the Caspase Dronc in Developmentally Programmed Cell Death in Drosophila. Journal of Biological Chemistry, 2000, 275, 40416-40424.	1.6	137
48	Nedd4 mediates control of an epithelial Na+ channel in salivary duct cells by cytosolic Na+. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 7169-7173.	3.3	135
49	The Nedd4-like Protein KIAA0439 Is a Potential Regulator of the Epithelial Sodium Channel. Journal of Biological Chemistry, 2001, 276, 8597-8601.	1.6	135
50	Identification of Septins in Neurofibrillary Tangles in Alzheimer's Disease. American Journal of Pathology, 1998, 153, 1551-1560.	1.9	133
51	Role of multiple cellular proteases in the execution of programmed cell death. FEBS Letters, 1995, 375, 169-173.	1.3	130
52	NEDD4-2 (NEDD4L): The ubiquitin ligase for multiple membrane proteins. Gene, 2015, 557, 1-10.	1.0	130
53	Functional Activation of Nedd2/ICH-1 (Caspase-2) Is an Early Process in Apoptosis. Journal of Biological Chemistry, 1997, 272, 13134-13139.	1.6	127
54	Cloning of a cDNA Which Encodes a Novel Ubiquitin-like Protein. Biochemical and Biophysical Research Communications, 1993, 195, 393-399.	1.0	126

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55	Nedd4 Family-interacting Protein 1 (Ndfip1) Is Required for the Exosomal Secretion of Nedd4 Family Proteins. Journal of Biological Chemistry, 2008, 283, 32621-32627.	1.6	126
56	NEDD4: The founding member of a family of ubiquitin-protein ligases. Gene, 2015, 557, 113-122.	1.0	126
57	Akt Mediates the Effect of Insulin on Epithelial Sodium Channels by Inhibiting Nedd4-2. Journal of Biological Chemistry, 2007, 282, 29866-29873.	1.6	125
58	Regulation of the divalent metal ion transporter DMT1 and iron homeostasis by a ubiquitin-dependent mechanism involving Ndfips and WWP2. Blood, 2008, 112, 4268-4275.	0.6	122
59	Caspase 2 in apoptosis, the DNA damage response and tumour suppression: enigma no more?. Nature Reviews Cancer, 2009, 9, 897-903.	12.8	122
60	Buffy, a Drosophila Bcl-2 protein, has anti-apoptotic and cell cycle inhibitory functions. EMBO Journal, 2003, 22, 3568-3579.	3.5	121
61	Renal tubular NEDD4-2 deficiency causes NCC-mediated salt-dependent hypertension. Journal of Clinical Investigation, 2013, 123, 657-65.	3.9	120
62	Grb10 Prevents Nedd4-mediated Vascular Endothelial Growth Factor Receptor-2 Degradation. Journal of Biological Chemistry, 2004, 279, 26754-26761.	1.6	119
63	Caspase-2 is required for cell death induced by cytoskeletal disruption. Oncogene, 2008, 27, 3393-3404.	2.6	119
64	All Three WW Domains of Murine Nedd4 Are Involved in the Regulation of Epithelial Sodium Channels by Intracellular Na+. Journal of Biological Chemistry, 1999, 274, 12525-12530.	1.6	114
65	Heteronuclear Ribonucleoproteins C1 and C2, Components of the Spliceosome, Are Specific Targets of Interleukin 1Î²-converting Enzyme-like Proteases in Apoptosis. Journal of Biological Chemistry, 1996, 271, 29335-29341.	1.6	113
66	The two cytochrome c species, DC3 and DC4, are not required for caspase activation and apoptosis in Drosophila cells. Journal of Cell Biology, 2004, 167, 405-410.	2.3	113
67	APOPTOSIS: A Cinderella Caspase Takes Center Stage. Science, 2002, 297, 1290-1291.	6.0	111
68	DECAY, a Novel Drosophila Caspase Related to Mammalian Caspase-3 and Caspase-7. Journal of Biological Chemistry, 1999, 274, 30778-30783.	1.6	110
69	Definitive15N NMR evidence that water serves as a source of â€˜Oâ€™ during nitrite oxidation byNitrobacter agilis. FEBS Letters, 1983, 152, 71-74.	1.3	106
70	N4WBP5, a Potential Target for Ubiquitination by the Nedd4 Family of Proteins, Is a Novel Golgi-associated Protein. Journal of Biological Chemistry, 2002, 277, 9307-9317.	1.6	106
71	Prodomains â€“ adaptors â€“ oligomerization: the pursuit of caspase activation in apoptosis. Trends in Biochemical Sciences, 1999, 24, 1-4.	3.7	102
72	Divalent metal transporter 1 (DMT1) regulation by Ndfip1 prevents metal toxicity in human neurons. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15489-15494.	3.3	102

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73	Dimerization and Autoprocessing of the Nedd2 (Caspase-2) Precursor Requires both the Prodomain and the Carboxyl-terminal Regions. Journal of Biological Chemistry, 1998, 273, 6763-6768.	1.6	101
74	Apaf-1/cytochrome c apoptosome: an essential initiatorof caspase activation or just a sideshow?. Cell Death and Differentiation, 2003, 10, 16-18.	5.0	101
75	Ecdysone-induced expression of the caspase DRONC during hormone-dependent programmed cell death in Drosophila is regulated by Broad-Complex. Journal of Cell Biology, 2002, 157, 985-996.	2.3	100
76	Identification of multiple proteins expressed in murine embryos as binding partners for the WW domains of the ubiquitin-protein ligase Nedd4. Biochemical Journal, 2000, 351, 557-565.	1.7	99
77	Ndfip1 regulates nuclear Pten import in vivo to promote neuronal survival following cerebral ischemia. Journal of Cell Biology, 2012, 196, 29-36.	2.3	99
78	Role of Prodomain in Importin-mediated Nuclear Localization and Activation of Caspase-2. Journal of Biological Chemistry, 2003, 278, 4899-4905.	1.6	96
79	The role of individual Nedd4â€“2 (KIAA0439) WW domains in binding and regulating epithelial sodium channels. FASEB Journal, 2003, 17, 70-72.	0.2	96
80	mGrb10 Interacts with Nedd4. Journal of Biological Chemistry, 1999, 274, 24094-24099.	1.6	93
81	Death to flies: Drosophila as a model system to study programmed cell death. Journal of Immunological Methods, 2002, 265, 21-38.	0.6	93
82	Caspase-2 deficiency promotes aberrant DNA-damage response and genetic instability. Cell Death and Differentiation, 2012, 19, 1288-1298.	5.0	90
83	Ecdysone receptor directly binds the promoter of the Drosophila caspase dronc, regulating its expression in specific tissues. Journal of Cell Biology, 2004, 165, 631-640.	2.3	89
84	Regulation of the Epithelial Sodium Channel by N4WBP5A, a Novel Nedd4/Nedd4-2-interacting Protein. Journal of Biological Chemistry, 2002, 277, 29406-29416.	1.6	85
85	Respiratory distress and perinatal lethality in Nedd4-2-deficient mice. Nature Communications, 2011, 2, 287.	5.8	85
86	Caspase-2 as a tumour suppressor. Cell Death and Differentiation, 2013, 20, 1133-1139.	5.0	85
87	Nedd4-2 Functionally Interacts with ClC-5. Journal of Biological Chemistry, 2004, 279, 54996-55007.	1.6	83
88	Regulation of the Voltage-gated K+ Channels KCNQ2/3 and KCNQ3/5 by Ubiquitination. Journal of Biological Chemistry, 2007, 282, 12135-12142.	1.6	82
89	Chemokine receptors CXCR4 and CCR7 promote metastasis by preventing anoikis in cancer cells. Cell Death and Differentiation, 2009, 16, 664-673.	5.0	81
90	Characterization of the DrosophilaCaspase, DAMM. Journal of Biological Chemistry, 2001, 276, 25342-25350.	1.6	79

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91	Crosstalk between cGASâ€“STING signaling and cell death. Cell Death and Differentiation, 2020, 27, 2989-3003.	5.0	79
92	Role of Bcl-2 family of proteins in malignancy. Hematological Oncology, 2002, 20, 63-74.	0.8	78
93	Relationship between growth arrest and autophagy in midgut programmed cell death in Drosophila. Cell Death and Differentiation, 2012, 19, 1299-1307.	5.0	77
94	STRICA, a novel Drosophila melanogaster caspase with an unusual serine/threonine-rich prodomain, interacts with DIAP1 and DIAP2. Cell Death and Differentiation, 2001, 8, 387-394.	5.0	73
95	The kinase Grk2 regulates Nedd4/Nedd4-2-dependent control of epithelial Na+ channels. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 11886-11890.	3.3	73
96	Structure of the Drosophila Apoptosome at 6.9ÂÃ... Resolution. Structure, 2011, 19, 128-140.	1.6	73
97	Enhancing DNA vaccine potency by coadministration of DNA encoding antiapoptotic proteins. Journal of Clinical Investigation, 2003, 112, 109-117.	3.9	73
98	Conversion of Procaspase-3 to an Autoactivating Caspase by Fusion to the Caspase-2 Prodomain. Journal of Biological Chemistry, 1998, 273, 26566-26570.	1.6	70
99	Impaired antioxidant defence and accumulation of oxidative stress in caspase-2-deficient mice. Cell Death and Differentiation, 2012, 19, 1370-1380.	5.0	69
100	The apoptotic cysteine protease CPP32. International Journal of Biochemistry and Cell Biology, 1997, 29, 393-396.	1.2	66
101	Caspase-mediated Cleavage of the Ubiquitin-protein Ligase Nedd4 during Apoptosis. Journal of Biological Chemistry, 1998, 273, 13524-13530.	1.6	65
102	Loss of caspase-2 augments lymphomagenesis and enhances genomic instability in Atm -deficient mice. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19920-19925.	3.3	65
103	Transcriptional control of the core cell-death machinery. Trends in Biochemical Sciences, 2004, 29, 193-199.	3.7	64
104	Developmentally programmed cell death in Drosophila. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 3499-3506.	1.9	64
105	Cell death by apoptosis in acute leukaemia. Journal of Pathology, 1989, 158, 123-129.	2.1	63
106	Processing of the Nedd2 precursor by ICEâ€like proteases and granzyme B. Genes To Cells, 1996, 1, 673-685.	0.5	63
107	Up-Regulation of the Nedd2 Gene Encoding an ICE/Ced-3-Like Cysteine Protease in the Gerbil Brain after Transient Global Ischemia. Journal of Cerebral Blood Flow and Metabolism, 1997, 17, 507-514.	2.4	63
108	N4WBP5A (Ndfip2), a Nedd4-interacting protein, localizes to multivesicular bodies and the Golgi, and has a potential role in protein trafficking. Journal of Cell Science, 2004, 117, 3679-3689.	1.2	63

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109	The Drosophila melanogaster Apaf-1 homologue ARK is required for most, but not all, programmed cell death. Journal of Cell Biology, 2006, 172, 809-815.	2.3	60
110	Physiological Functions of Nedd4-2: Lessons from Knockout Mouse Models. Trends in Biochemical Sciences, 2018, 43, 635-647.	3.7	59
111	DRG: A novel developmentally regulated GTP-binding protein. Biochemical and Biophysical Research Communications, 1992, 189, 363-370.	1.0	57
112	REGULATION OF CASPASE ACTIVATION IN APOPTOSIS: IMPLICATIONS IN PATHOGENESIS AND TREATMENT OF DISEASE. Clinical and Experimental Pharmacology and Physiology, 1999, 26, 295-303.	0.9	57
113	The ubiquitin ligase Nedd4 regulates craniofacial development by promoting cranial neural crest cell survival and stem-cell like properties. Developmental Biology, 2013, 383, 186-200.	0.9	57
114	Caspase-2-mediated cell death is required for deleting aneuploid cells. Oncogene, 2017, 36, 2704-2714.	2.6	57
115	NEDD4-2as a potential candidate susceptibility gene for epileptic photosensitivity. Genes, Brain and Behavior, 2007, 6, 750-755.	1.1	56
116	Distinct requirements of Autophagy-related genes in programmed cell death. Cell Death and Differentiation, 2015, 22, 1792-1802.	5.0	56
117	Ecdysone-mediated Up-regulation of the Effector Caspase DRICE Is Required for Hormone-dependent Apoptosis in Drosophila Cells. Journal of Biological Chemistry, 2005, 280, 11981-11986.	1.6	54
118	A biochemical analysis of the activation of the Drosophila caspase DRONC. Cell Death and Differentiation, 2008, 15, 461-470.	5.0	53
119	Larval midgut destruction in Drosophila: Not dependent on caspases but suppressed by the loss of autophagy. Autophagy, 2010, 6, 163-165.	4.3	53
120	Inhibition of apoptosis by the expression of antisenseNedd2. FEBS Letters, 1995, 368, 69-72.	1.3	52
121	Targeted disruption of caspase genes in mice: What they tell us about the functions of individual caspases in apoptosis. Immunology and Cell Biology, 1999, 77, 58-63.	1.0	50
122	Blocking cytokine signaling along with intense Bcr-Abl kinase inhibition induces apoptosis in primary CML progenitors. Leukemia, 2010, 24, 771-778.	3.3	50
123	UTX coordinates steroid hormone-mediated autophagy and cell death. Nature Communications, 2013, 4, 2916.	5.8	50
124	Nedd4-WW Domain-Binding Protein 5 (Ndfip1) Is Associated with Neuronal Survival after Acute Cortical Brain Injury. Journal of Neuroscience, 2006, 26, 7234-7244.	1.7	49
125	ER stress does not cause upregulation and activation of caspase-2 to initiate apoptosis. Cell Death and Differentiation, 2014, 21, 475-480.	5.0	49
126	Caspases in metabolic disease and their therapeutic potential. Cell Death and Differentiation, 2018, 25, 1010-1024.	5.0	49

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127	The Activity of the Epithelial Sodium Channels Is Regulated by Caveolin-1 via a Nedd4-2-dependent Mechanism. Journal of Biological Chemistry, 2009, 284, 12663-12669.	1.6	48
128	Ndfip1-deficient mice have impaired DMT1 regulation and iron homeostasis. Blood, 2011, 117, 638-646.	0.6	43
129	Apoptosis regulatory gene NEDD2 maps to human chromosome segment 7q34?35, a region frequently affected in haematological neoplasms. Human Genetics, 1995, 95, 641-4.	1.8	41
130	Ecdysone-mediated programmed cell death in Drosophila. International Journal of Developmental Biology, 2015, 59, 23-32.	0.3	41
131	Arrestinâ€Domain Containing Protein 1 (Arrdc1) Regulates the Protein Cargo and Release of Extracellular Vesicles. Proteomics, 2018, 18, e1800266.	1.3	41
132	Dpp regulates autophagy-dependent midgut removal and signals to block ecdysone production. Cell Death and Differentiation, 2019, 26, 763-778.	5.0	40
133	Age-related proteostasis and metabolic alterations in Caspase-2-deficient mice. Cell Death and Disease, 2015, 6, e1615-e1615.	2.7	39
134	Prevalence of ocular signs and subclinical vitamin A deficiency and its determinants among rural pre-school children in India. Public Health Nutrition, 2012, 15, 568-577.	1.1	38
135	Regulation of the divalent metal ion transporter via membrane budding. Cell Discovery, 2016, 2, 16011.	3.1	38
136	Nedd4-2 (NEDD4L) controls intracellular Na+-mediated activity of voltage-gated sodium channels in primary cortical neurons. Biochemical Journal, 2014, 457, 27-31.	1.7	37
137	Expression of DRG during murine embryonic development. Biochemical and Biophysical Research Communications, 1992, 189, 371-377.	1.0	36
138	Isoform specific regulation of divalent metal (ion) transporter (DMT1) by proteasomal degradation. BioMetals, 2012, 25, 787-793.	1.8	36
139	NEDD4-2-dependent control of Na⁺ homeostasis and renal disease. Cell Cycle, 2018, 17, 1-2.	1.3	36
140	Ecdysone controlled cell and tissue deletion. Cell Death and Differentiation, 2020, 27, 1-14.	5.0	36
141	A Direct Interaction with NEDD1 Regulates Î³-Tubulin Recruitment to the Centrosome. PLoS ONE, 2010, 5, e9618.	1.1	36
142	Caspase-2 deficiency accelerates chemically induced liver cancer in mice. Cell Death and Differentiation, 2016, 23, 1727-1736.	5.0	35
143	Identification of multiple proteins expressed in murine embryos as binding partners for the WW domains of the ubiquitin-protein ligase Nedd4. Biochemical Journal, 2000, 351, 557.	1.7	34
144	Distinct promoter regions regulate spatial and temporal expression of the Drosophila caspase dronc. Cell Death and Differentiation, 2003, 10, 1348-1356.	5.0	33

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145	A poxvirus bidirectional promoter element with early/late and late functions. Virology, 1990, 179, 151-158.	1.1	32
146	An Arginine-Histone Methyltransferase, CARMER, Coordinates Ecdysone-mediated Apoptosis in Drosophila Cells. Journal of Biological Chemistry, 2004, 279, 18467-18471.	1.6	31
147	Chapter 2 Methods and Protocols for Studying Cell Death in Drosophila. Methods in Enzymology, 2008, 446, 17-37.	0.4	31
148	Caspase-2 protects against oxidative stress in vivo. Oncogene, 2015, 34, 4995-5002.	2.6	31
149	Recombinant Caspase-3 Expressed inPichia pastorisIs Fully Activated and Kinetically Indistinguishable from the Native Enzyme. Biochemical and Biophysical Research Communications, 1997, 238, 920-924.	1.0	30
150	The Ubiquitin-Protein Ligase Nedd4-2 Differentially Interacts with and Regulates Members of the Tweety Family of Chloride Ion Channels. Journal of Biological Chemistry, 2008, 283, 24000-24010.	1.6	30
151	Origin, expression and possible functions of the two alternatively spliced forms of the mouse Nedd2 mRNA. Cell Death and Differentiation, 1997, 4, 378-387.	5.0	29
152	GRK2 interacts with and phosphorylates Nedd4 and Nedd4-2. Biochemical and Biophysical Research Communications, 2007, 359, 611-615.	1.0	29
153	A potential role for NEDD1 and the centrosome in senescence of mouse embryonic fibroblasts. Cell Death and Disease, 2010, 1, e35-e35.	2.7	29
154	The Nedd4-2/Ndfip1 axis is a negative regulator of IgE-mediated mast cell activation. Nature Communications, 2016, 7, 13198.	5.8	29
155	The p53-caspase-2 axis in the cell cycle and DNA damage response. Experimental and Molecular Medicine, 2021, 53, 517-527.	3.2	29
156	Impaired haematopoietic stem cell differentiation and enhanced skewing towards myeloid progenitors in aged caspase-2-deficient mice. Cell Death and Disease, 2016, 7, e2509-e2509.	2.7	28
157	Na+-H+ exchange in salivary secretory cells is controlled by an intracellular Na+ receptor. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 9949-9953.	3.3	27
158	Stimulation of the epithelial sodium channel (ENaC) by the serum- and glucocorticoid-inducible kinase (Sgk) involves the PY motifs of the channel but is independent of sodium feedback inhibition. Pflugers Archiv European Journal of Physiology, 2006, 452, 290-299.	1.3	27
159	Molecular determinants of the subcellular localization of the Drosophila Bcl-2 homologues DEBCL and BUFFY. Cell Death and Differentiation, 2007, 14, 907-915.	5.0	27
160	Proton Electrochemical Gradients in Washed Cells of Nitrosomonas europaea and Nitrobacter agilis. Journal of Bacteriology, 1983, 154, 65-71.	1.0	27
161	Regulation of the voltage-gated K⁺ channels KCNQ2/3 and KCNQ3/5 by serum- and glucocorticoid-regulated kinase-1. American Journal of Physiology - Cell Physiology, 2008, 295, C73-C80.	2.1	26
162	A cytochrome c-free fly apoptosome. Cell Death and Differentiation, 2006, 13, 1049-1051.	5.0	25

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163	dLKR/SDH regulates hormone-mediated histone arginine methylation and transcription of cell death genes. Journal of Cell Biology, 2008, 182, 481-495.	2.3	25
164	Drosophila Ndfip is a novel regulator of Notch signaling. Cell Death and Differentiation, 2011, 18, 1150-1160.	5.0	25
165	Ndfip1 mediates peripheral tolerance to self and exogenous antigen by inducing cell cycle exit in responding CD4⁺T cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2067-2074.	3.3	25
166	Differential inhibitory effects of CrmA, P35, IAP and three mammalian IAP homologues on apoptosis in NIH3T3 cells following various death stimuli. Cell Death and Differentiation, 1997, 4, 570-579.	5.0	24
167	The role of caspases in apoptosis. Advances in Biochemical Engineering/Biotechnology, 1998, 62, 107-128.	0.6	24
168	Roles of the C Termini of Î±-, Î²-, and Î³-Subunits of Epithelial Na+ Channels (ENaC) in Regulating ENaC and Mediating Its Inhibition by Cytosolic Na+. Journal of Biological Chemistry, 2001, 276, 13744-13749.	1.6	24
169	Patch-Clamp Studies on Epithelial Sodium Channels in Salivary Duct Cells. Cell Biochemistry and Biophysics, 2002, 36, 105-114.	0.9	24
170	The ubiquitin-protein ligases Nedd4 and Nedd4-2 show similar ubiquitin-conjugating enzyme specificities. International Journal of Biochemistry and Cell Biology, 2006, 38, 472-479.	1.2	24
171	Retromer regulates the lysosomal clearance of MAPT/tau. Autophagy, 2021, 17, 2217-2237.	4.3	23
172	Adaptors as the regulators of HECT ubiquitin ligases. Cell Death and Differentiation, 2021, 28, 455-472.	5.0	23
173	Treatment of Retinoblastoma 1â€“Intact Hepatocellular Carcinoma With Cyclinâ€Dependent Kinase 4/6 Inhibitor Combination Therapy. Hepatology, 2021, 74, 1971-1993.	3.6	22
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