Peter Vandenabeele

List of Publications by Year
in descending order

537 papers	89,202 citations	369 135 h-index	382 280 g-index
552 all docs	552 docs citations	552 times ranked	84381 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	Immunogenic cell death and DAMPs in cancer therapy. Nature Reviews Cancer, 2012, 12, 860-875.	12.8	1,984
7	Molecular mechanisms of necroptosis: an ordered cellular explosion. Nature Reviews Molecular Cell Biology, 2010, 11, 700-714.	16.1	1,941
8	Necroptosis and its role in inflammation. Nature, 2015, 517, 311-320.	13.7	1,550
9	Targeting Ferroptosis to Iron Out Cancer. Cancer Cell, 2019, 35, 830-849.	7.7	1,385
10	Regulated necrosis: the expanding network of non-apoptotic cell death pathways. Nature Reviews Molecular Cell Biology, 2014, 15, 135-147.	16.1	1,373
11	The molecular machinery of regulated cell death. Cell Research, 2019, 29, 347-364.	5.7	1,373
12	Reference database of Raman spectra of biological molecules. Journal of Raman Spectroscopy, 2007, 38, 1133-1147.	1.2	1,129
13	Necroptosis: The Release of Damage-Associated Molecular Patterns and Its Physiological Relevance. Immunity, 2013, 38, 209-223.	6.6	1,085
14	Cytosolic flagellin requires Ipaf for activation of caspase-1 and interleukin 1Î² in salmonella-infected macrophages. Nature Immunology, 2006, 7, 576-582.	7.0	1,028
15	Bacterial RNA and small antiviral compounds activate caspase-1 through cryopyrin/Nalp3. Nature, 2006, 440, 233-236.	13.7	1,016
16	Inhibition of Caspases Increases the Sensitivity of L929 Cells to Necrosis Mediated by Tumor Necrosis Factor. Journal of Experimental Medicine, 1998, 187, 1477-1485.	4.2	833
17	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. Cell Death and Differentiation, 2015, 22, 58-73.	5.0	811
18	Synchronized renal tubular cell death involves ferroptosis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16836-16841.	3.3	801

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19	Interleukin 10 reduces the release of tumor necrosis factor and prevents lethality in experimental endotoxemia.. Journal of Experimental Medicine, 1993, 177, 547-550.	4.2	795
20	Toxic proteins released from mitochondria in cell death. Oncogene, 2004, 23, 2861-2874.	2.6	791
21	More than one way to die: apoptosis, necrosis and reactive oxygen damage. Oncogene, 1999, 18, 7719-7730.	2.6	790
22	Two tumour necrosis factor receptors: structure and function. Trends in Cell Biology, 1995, 5, 392-399.	3.6	749
23	Neutrophil extracellular trap cell death requires both autophagy and superoxide generation. Cell Research, 2011, 21, 290-304.	5.7	710
24	Consensus guidelines for the detection of immunogenic cell death. OncoImmunology, 2014, 3, e955691.	2.1	686
25	MLKL Compromises Plasma Membrane Integrity by Binding to Phosphatidylinositol Phosphates. Cell Reports, 2014, 7, 971-981.	2.9	656
26	A novel pathway combining calreticulin exposure and ATP secretion in immunogenic cancer cell death. EMBO Journal, 2012, 31, 1062-1079.	3.5	641
27	Classification of cell death: recommendations of the Nomenclature Committee on Cell Death. Cell Death and Differentiation, 2005, 12, 1463-1467.	5.0	618
28	Suppression of Interleukin-33 Bioactivity through Proteolysis by Apoptotic Caspases. Immunity, 2009, 31, 84-98.	6.6	611
29	Consensus guidelines for the definition, detection and interpretation of immunogenic cell death. , 2020, 8, e000337.		610
30	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
31	The role of mitochondrial factors in apoptosis: a Russian roulette with more than one bullet. Cell Death and Differentiation, 2002, 9, 1031-1042.	5.0	572
32	Emerging role of damage-associated molecular patterns derived from mitochondria in inflammation. Trends in Immunology, 2011, 32, 157-164.	2.9	564
33	Necrosis, a well-orchestrated form of cell demise: Signalling cascades, important mediators and concomitant immune response. Biochimica Et Biophysica Acta - Bioenergetics, 2006, 1757, 1371-1387.	0.5	555
34	Caspase-mediated cleavage of Beclin-1 inactivates Beclin-1-induced autophagy and enhances apoptosis by promoting the release of proapoptotic factors from mitochondria. Cell Death and Disease, 2010, 1, e18-e18.	2.7	555
35	Apoptosis and necrosis: Detection, discrimination and phagocytosis. Methods, 2008, 44, 205-221.	1.9	546
36	Dual Signaling of the Fas Receptor: Initiation of Both Apoptotic and Necrotic Cell Death Pathways. Journal of Experimental Medicine, 1998, 188, 919-930.	4.2	522

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37	Caspases in cell survival, proliferation and differentiation. Cell Death and Differentiation, 2007, 14, 44-55.	5.0	517
38	Dying for a cause: NETosis, mechanisms behind an antimicrobial cell death modality. Cell Death and Differentiation, 2011, 18, 581-588.	5.0	499
39	Inhibition of apoptosis induced by ischemia-reperfusion prevents inflammation. Journal of Clinical Investigation, 1999, 104, 541-549.	3.9	499
40	Pannexin-1-Mediated Recognition of Bacterial Molecules Activates the Cryopyrin Inflammasome Independent of Toll-like Receptor Signaling. Immunity, 2007, 26, 433-443.	6.6	490
41	RIP Kinase-Dependent Necrosis Drives Lethal Systemic Inflammatory Response Syndrome. Immunity, 2011, 35, 908-918.	6.6	490
42	Regulated necrosis: disease relevance and therapeutic opportunities. Nature Reviews Drug Discovery, 2016, 15, 348-366.	21.5	481
43	Necroptosis, necrosis and secondary necrosis converge on similar cellular disintegration features. Cell Death and Differentiation, 2010, 17, 922-930.	5.0	471
44	RIP Kinases at the Crossroads of Cell Death and Survival. Cell, 2009, 138, 229-232.	13.5	468
45	Activation of p38 MAPK is required for Bax translocation to mitochondria, cytochrome c release and apoptosis induced by UVB irradiation in human keratinocytes. FASEB Journal, 2004, 18, 1946-1948.	0.2	464
46	Identification of a new caspase homologue: caspase-14. Cell Death and Differentiation, 1998, 5, 838-846.	5.0	448
47	RIP1, a kinase on the crossroads of a cell's decision to live or die. Cell Death and Differentiation, 2007, 14, 400-410.	5.0	432
48	The Role of the Kinases RIP1 and RIP3 in TNF-Induced Necrosis. Science Signaling, 2010, 3, re4.	1.6	407
49	Nano-targeted induction of dual ferroptotic mechanisms eradicates high-risk neuroblastoma. Journal of Clinical Investigation, 2018, 128, 3341-3355.	3.9	406
50	Initiation and execution mechanisms of necroptosis: an overview. Cell Death and Differentiation, 2017, 24, 1184-1195.	5.0	404
51	Inflammation-associated enterotypes, host genotype, cage and inter-individual effects drive gut microbiota variation in common laboratory mice. Genome Biology, 2013, 14, R4.	13.9	381
52	Necrostatin-1 analogues: critical issues on the specificity, activity and in vivo use in experimental disease models. Cell Death and Disease, 2012, 3, e437-e437.	2.7	379
53	Autophagy: for better or for worse. Cell Research, 2012, 22, 43-61.	5.7	373
54	Mitochondrial intermembrane proteins in cell death. Biochemical and Biophysical Research Communications, 2003, 304, 487-497.	1.0	350

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55	NF-Î°B-Independent Role of IKKÎ±/IKKÎ² in Preventing RIPK1 Kinase-Dependent Apoptotic and Necroptotic Cell Death during TNF Signaling. Molecular Cell, 2015, 60, 63-76.	4.5	345
56	Many stimuli pull the necrotic trigger, an overview. Cell Death and Differentiation, 2012, 19, 75-86.	5.0	340
57	ER stress-induced inflammation: does it aid or impede disease progression?. Trends in Molecular Medicine, 2012, 18, 589-598.	3.5	340
58	Analysis with micro-Raman spectroscopy of natural organic binding media and varnishes used in art. Analytica Chimica Acta, 2000, 407, 261-274.	2.6	324
59	A Decade of Raman Spectroscopy in Art and Archaeology. Chemical Reviews, 2007, 107, 675-686.	23.0	321
60	Alice in caspase land. A phylogenetic analysis of caspases from worm to man. Cell Death and Differentiation, 2002, 9, 358-361.	5.0	317
61	Molecular and Translational Classifications of DAMPs in Immunogenic Cell Death. Frontiers in Immunology, 2015, 6, 588.	2.2	317
62	Vaccination with Necroptotic Cancer Cells Induces Efficient Anti-tumor Immunity. Cell Reports, 2016, 15, 274-287.	2.9	317
63	The serine protease Omi/HtrA2 is released from mitochondria during apoptosis. Omi interacts with caspase-inhibitor XIAP and induces enhanced caspase activity. Cell Death and Differentiation, 2002, 9, 20-26.	5.0	308
64	Heterogeneity of the gut microbiome in mice: guidelines for optimizing experimental design. FEMS Microbiology Reviews, 2016, 40, 117-132.	3.9	303
65	Major cell death pathways at a glance. Microbes and Infection, 2009, 11, 1050-1062.	1.0	302
66	TRAIL induces necroptosis involving RIPK1/RIPK3-dependent PARP-1 activation. Cell Death and Differentiation, 2012, 19, 2003-2014.	5.0	300
67	Endonuclease G: a mitochondrial protein released in apoptosis and involved in caspase-independent DNA degradation. Cell Death and Differentiation, 2001, 8, 1136-1142.	5.0	298
68	Interleukin-10 controls interferon-Î³ and tumor necrosis factor production during experimental endotoxemia. European Journal of Immunology, 1994, 24, 1167-1171.	1.6	295
69	Clearance of apoptotic and necrotic cells and its immunological consequences. Apoptosis: an International Journal on Programmed Cell Death, 2006, 11, 1709-1726.	2.2	295
70	To NET or not to NET:current opinions and state of the science regarding the formation of neutrophil extracellular traps. Cell Death and Differentiation, 2019, 26, 395-408.	5.0	295
71	cIAP1 and TAK1 protect cells from TNF-induced necrosis by preventing RIP1/RIP3-dependent reactive oxygen species production. Cell Death and Differentiation, 2011, 18, 656-665.	5.0	294
72	Immunogenic cell death, DAMPs and anticancer therapeutics: An emerging amalgamation. Biochimica Et Biophysica Acta: Reviews on Cancer, 2010, 1805, 53-71.	3.3	292

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73	Molecular Mechanisms and Pathophysiology of Necrotic Cell Death. Current Molecular Medicine, 2008, 8, 207-220.	0.6	283
74	Targeted Peptidecentric Proteomics Reveals Caspase-7 as a Substrate of the Caspase-1 Inflammasomes. Molecular and Cellular Proteomics, 2008, 7, 2350-2363.	2.5	276
75	Atractyloside-induced release of cathepsin B, a protease with caspase-processing activity. FEBS Letters, 1998, 438, 150-158.	1.3	275
76	The mitochondrial serine protease HtrA2/Omi: an overview. Cell Death and Differentiation, 2008, 15, 453-460.	5.0	275
77	RIPK1 ensures intestinal homeostasis by protecting the epithelium against apoptosis. Nature, 2014, 513, 95-99.	13.7	275
78	Non-specific effects of methyl ketone peptide inhibitors of caspases. FEBS Letters, 1999, 442, 117-121.	1.3	274
79	Caspase-14 protects against epidermal UVB photodamage and water loss. Nature Cell Biology, 2007, 9, 666-674.	4.6	266
80	RIPK3 contributes to TNFR1-mediated RIPK1 kinase-dependent apoptosis in conditions of cIAP1/2 depletion or TAK1 kinase inhibition. Cell Death and Differentiation, 2013, 20, 1381-1392.	5.0	263
81	Beclin1: A role in membrane dynamics and beyond. Autophagy, 2012, 8, 6-17.	4.3	262
82	P2Z purinoreceptor ligation induces activation of caspases with distinct roles in apoptotic and necrotic alterations of cell death. FEBS Letters, 1999, 447, 71-75.	1.3	259
83	ROS-induced autophagy in cancer cells assists in evasion from determinants of immunogenic cell death. Autophagy, 2013, 9, 1292-1307.	4.3	252
84	Loss of p63 and its microRNA-205 target results in enhanced cell migration and metastasis in prostate cancer. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15312-15317.	3.3	251
85	Hypericin-based photodynamic therapy induces surface exposure of damage-associated molecular patterns like HSP70 and calreticulin. Cancer Immunology, Immunotherapy, 2012, 61, 215-221.	2.0	246
86	Connexin-related signaling in cell death: to live or let die?. Cell Death and Differentiation, 2009, 16, 524-536.	5.0	234
87	Many faces of DAMPs in cancer therapy. Cell Death and Disease, 2013, 4, e631-e631.	2.7	234
88	Apoptotic and necrotic cell death induced by death domain receptors. Cellular and Molecular Life Sciences, 2001, 58, 356-370.	2.4	224
89	Role of IL-1Â and the Nlrp3/caspase-1/IL-1Â axis in cigarette smoke-induced pulmonary inflammation and COPD. European Respiratory Journal, 2011, 38, 1019-1028.	3.1	221
90	Epidermal differentiation does not involve the pro-apoptotic executioner caspases, but is associated with caspase-14 induction and processing. Cell Death and Differentiation, 2000, 7, 1218-1224.	5.0	218

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91	Cell death induction by receptors of the TNF family: towards a molecular understanding. FEBS Letters, 1997, 410, 96-106.	1.3	217
92	The Activation of the c-Jun N-terminal Kinase and p38 Mitogen-activated Protein Kinase Signaling Pathways Protects HeLa Cells from Apoptosis Following Photodynamic Therapy with Hypericin. Journal of Biological Chemistry, 1999, 274, 8788-8796.	1.6	203
93	Caspase-14 reveals its secrets. Journal of Cell Biology, 2008, 180, 451-458.	2.3	203
94	The emerging roles of serine protease cascades in the epidermis. Trends in Biochemical Sciences, 2009, 34, 453-463.	3.7	202
95	B cell growth modulating and differentiating activity of recombinant human 26-kd protein (BSF-2,) Tj ETQq1 1 0.784314 rgBT /Overlock	3.5	198
96	Raman spectroscopic database of azo pigments and application to modern art studies. Journal of Raman Spectroscopy, 2000, 31, 509-517.	1.2	198
97	Death penalty for keratinocytes: apoptosis versus cornification. Cell Death and Differentiation, 2005, 12, 1497-1508.	5.0	195
98	TNF-induced necroptosis in L929 cells is tightly regulated by multiple TNFR1 complex I and II members. Cell Death and Disease, 2011, 2, e230-e230.	2.7	195
99	Death receptor-induced apoptotic and necrotic cell death: differential role of caspases and mitochondria. Cell Death and Differentiation, 2001, 8, 829-840.	5.0	193
100	Determination of apoptotic and necrotic cell death in vitro and in vivo. Methods, 2013, 61, 117-129.	1.9	193
101	Glutathione peroxidase 4 prevents necroptosis in mouse erythroid precursors. Blood, 2016, 127, 139-148.	0.6	192
102	Characterization of seven murine caspase family members. FEBS Letters, 1997, 403, 61-69.	1.3	191
103	Patients with COVID-19: in the dark-NETs of neutrophils. Cell Death and Differentiation, 2021, 28, 3125-3139.	5.0	189
104	Inhibition of papain-like cysteine proteases and legumain by caspase-specific inhibitors: when reaction mechanism is more important than specificity. Cell Death and Differentiation, 2003, 10, 881-888.	5.0	187
105	Reference database of Raman spectra of pharmaceutical excipients. Journal of Raman Spectroscopy, 2009, 40, 297-307.	1.2	187
106	Terminal Differentiation of Human Keratinocytes and Stratum Corneum Formation is Associated with Caspase-14 Activation. Journal of Investigative Dermatology, 2000, 115, 1148-1151.	0.3	186
107	The proteolytic procaspase activation network: an in vitro analysis. Cell Death and Differentiation, 1999, 6, 1117-1124.	5.0	183
108	Caspase Inhibitors Promote Alternative Cell Death Pathways. Science's STKE: Signal Transduction Knowledge Environment, 2006, 2006, pe44-pe44.	4.1	180

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109	Tumor necrosis factor-mediated cell death: to break or to burst, thatâ€™s the question. Cellular and Molecular Life Sciences, 2010, 67, 1567-1579.	2.4	180
110	Human TNF mutants with selective activity on the p55 receptor. Nature, 1993, 361, 266-269.	13.7	177
111	Phagocytosis of Necrotic Cells by Macrophages Is Phosphatidylserine Dependent and Does Not Induce Inflammatory Cytokine Production. Molecular Biology of the Cell, 2004, 15, 1089-1100.	0.9	177
112	Sesquiterpene lactones as drugs with multiple targets in cancer treatment. Anti-Cancer Drugs, 2012, 23, 883-896.	0.7	176
113	The unfolded protein response at the crossroads of cellular life and death during endoplasmic reticulum stress. Biology of the Cell, 2012, 104, 259-270.	0.7	176
114	NOD-like receptors and the innate immune system: Coping with danger, damage and death. Cytokine and Growth Factor Reviews, 2011, 22, 257-276.	3.2	170
115	Interferon-Î² Therapy Against EAE Is Effective Only When Development of the Disease Depends on the NLRP3 Inflammasome. Science Signaling, 2012, 5, ra38.	1.6	168
116	Functional Protection by Acute Phase Proteins Î±₁-Acid Glycoprotein and Î±₁-Antitrypsin Against Ischemia/Reperfusion Injury by Preventing Apoptosis and Inflammation. Circulation, 2000, 102, 1420-1426.	1.6	167
117	Macrophages use different internalization mechanisms to clear apoptotic and necrotic cells. Cell Death and Differentiation, 2006, 13, 2011-2022.	5.0	167
118	Caspase-14 Is Required for Filaggrin Degradation to Natural Moisturizing Factors in the Skin. Journal of Investigative Dermatology, 2011, 131, 2233-2241.	0.3	167
119	Are metacaspases caspases?. Journal of Cell Biology, 2007, 179, 375-380.	2.3	164
120	Depletion of RIPK3 or MLKL blocks TNF-driven necroptosis and switches towards a delayed RIPK1 kinase-dependent apoptosis. Cell Death and Disease, 2014, 5, e1004-e1004.	2.7	164
121	Translation Inhibition in Apoptosis. Journal of Biological Chemistry, 2001, 276, 41620-41628.	1.6	159
122	MK2 phosphorylation of RIPK1 regulates TNF-mediated cell death. Nature Cell Biology, 2017, 19, 1237-1247.	4.6	159
123	Passenger Mutations Confound Interpretation of All Genetically Modified Congenic Mice. Immunity, 2015, 43, 200-209.	6.6	156
124	Gap junctions and the propagation of cell survival and cell death signals. Apoptosis: an International Journal on Programmed Cell Death, 2005, 10, 459-469.	2.2	155
125	TNF-Î± receptors simultaneously activate Ca2+ mobilisation and stress kinases in cultured sensory neurones. Neuropharmacology, 2002, 42, 93-106.	2.0	154
126	Necrostatin-1 blocks both RIPK1 and IDO: consequences for the study of cell death in experimental disease models. Cell Death and Differentiation, 2013, 20, 185-187.	5.0	154

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127	The role of mobile instrumentation in novel applications of Raman spectroscopy: archaeometry, geosciences, and forensics. Chemical Society Reviews, 2014, 43, 2628.	18.7	153
128	The 55-kDa Tumor Necrosis Factor Receptor Induces Clustering of Mitochondria through Its Membrane-proximal Region. Journal of Biological Chemistry, 1998, 273, 9673-9680.	1.6	150
129	When PERK inhibitors turn out to be new potent RIPK1 inhibitors: critical issues on the specificity and use of GSK2606414 and GSK2656157. Cell Death and Differentiation, 2017, 24, 1100-1110.	5.0	149
130	Disruption of HSP90 Function Reverts Tumor Necrosis Factor-induced Necrosis to Apoptosis. Journal of Biological Chemistry, 2003, 278, 5622-5629.	1.6	146
131	Simultaneous Targeting of IL-1 and IL-18 Is Required for Protection against Inflammatory and Septic Shock. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 282-291.	2.5	145
132	Alternatively activated macrophages and impaired phagocytosis of S.Âaureus in chronic rhinosinusitis. Allergy: European Journal of Allergy and Clinical Immunology, 2011, 66, 396-403.	2.7	144
133	TUMOUR NECROSIS FACTOR-INDUCED NECROSIS VERSUS ANTI-Fas-INDUCED APOPTOSIS IN L929 CELLS. Cytokine, 1997, 9, 801-808.	1.4	142
134	Molecular crosstalk between apoptosis, necroptosis, and survival signaling. Molecular and Cellular Oncology, 2015, 2, e975093.	0.3	142
135	CHIP controls necroptosis through ubiquitylation- and lysosome-dependent degradation of RIPK3. Nature Cell Biology, 2016, 18, 291-302.	4.6	139
136	p38 Mitogen-activated Protein Kinase Regulates a Novel, Caspase-independent Pathway for the Mitochondrial Cytochromec Release in Ultraviolet B Radiation-induced Apoptosis. Journal of Biological Chemistry, 2000, 275, 21416-21421.	1.6	138
137	Comparative study of mobile Raman instrumentation for art analysis. Analytica Chimica Acta, 2007, 588, 108-116.	2.6	138
138	Cathepsin B-Mediated Activation of the Proinflammatory Caspase-11. Biochemical and Biophysical Research Communications, 1998, 251, 379-387.	1.0	137
139	An evolutionary perspective on the necroptotic pathway. Trends in Cell Biology, 2016, 26, 721-732.	3.6	137
140	DAMPs activating innate and adaptive immune responses in COPD. Mucosal Immunology, 2014, 7, 215-226.	2.7	136
141	Functional characterization of the human tumor necrosis factor receptor p75 in a transfected rat/mouse T cell hybridoma.. Journal of Experimental Medicine, 1992, 176, 1015-1024.	4.2	135
142	Depletion of Beclin-1 due to proteolytic cleavage by caspases in the Alzheimer's disease brain. Neurobiology of Disease, 2011, 43, 68-78.	2.1	135
143	Necroptosis, in vivo detection in experimental disease models. Seminars in Cell and Developmental Biology, 2014, 35, 2-13.	2.3	135
144	TNFR1â€•and TNFR2â€•mediated signaling pathways in human kidney are cell typeâ€specific and differentially contribute to renal injury. FASEB Journal, 2005, 19, 1637-1645.	0.2	134

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145	Proteolysis of Ambra1 during apoptosis has a role in the inhibition of the autophagic pro-survival response. Cell Death and Differentiation, 2012, 19, 1495-1504.	5.0	134
146	Dissociation of TNF-alpha cytotoxic and proinflammatory activities by p55 receptor- and p75 receptor-selective TNF-alpha mutants.. EMBO Journal, 1994, 13, 843-850.	3.5	132
147	Cleavage of PITSLRE Kinases by ICE/CASP-1 and CPP32/CASP-3 during Apoptosis Induced by Tumor Necrosis Factor. Journal of Biological Chemistry, 1997, 272, 11694-11697.	1.6	132
148	Programmed Necrosis. International Review of Cell and Molecular Biology, 2011, 289, 1-35.	1.6	132
149	DAMPs and PDT-mediated photo-oxidative stress: exploring the unknown. Photochemical and Photobiological Sciences, 2011, 10, 670-680.	1.6	131
150	The pseudokinase MLKL mediates programmed hepatocellular necrosis independently of RIPK3 during hepatitis. Journal of Clinical Investigation, 2016, 126, 4346-4360.	3.9	130
151	Cigarette smoke-induced necroptosis and DAMP release trigger neutrophilic airway inflammation in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L377-L386.	1.3	130
152	Tipping the balance between necrosis and apoptosis in human and murine cells treated with interferon and dsRNA. Cell Death and Differentiation, 2002, 9, 981-994.	5.0	127
153	Caspase-1 Activates Nuclear Factor of the Îº-Enhancer in B Cells Independently of Its Enzymatic Activity. Journal of Biological Chemistry, 2004, 279, 24785-24793.	1.6	127
154	Hypericin-induced photosensitization of HeLa cells leads to apoptosis or necrosis. FEBS Letters, 1998, 440, 19-24.	1.3	126
155	Redox regulation of TNF signaling. BioFactors, 1999, 10, 145-156.	2.6	126
156	The EMAPII Cytokine Is Released from the Mammalian Multisynthetase Complex after Cleavage of Its p43/proEMAPII Component. Journal of Biological Chemistry, 2001, 276, 23769-23776.	1.6	126
157	Necroptotic cell death in antiâ€cancer therapy. Immunological Reviews, 2017, 280, 207-219.	2.8	126
158	Excessive phospholipid peroxidation distinguishes ferroptosis from other cell death modes including pyroptosis. Cell Death and Disease, 2020, 11, 922.	2.7	126
159	Acute Modulations in Permeability Barrier Function Regulate Epidermal Cornification. American Journal of Pathology, 2008, 172, 86-97.	1.9	124
160	The death-fold superfamily of homotypic interaction motifs. Trends in Biochemical Sciences, 2011, 36, 541-552.	3.7	124
161	Regulation of the expression and processing of caspase-12. Journal of Cell Biology, 2003, 162, 457-467.	2.3	122
162	Targeting Rac1 by the Yersinia Effector Protein YopE Inhibits Caspase-1-mediated Maturation and Release of Interleukin-1Î². Journal of Biological Chemistry, 2004, 279, 25134-25142.	1.6	121

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163	Raman spectroscopic analysis of the Maya wall paintings in Ekâ€™Balam, Mexico. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2005, 61, 2349-2356.	2.0	121
164	Serine 25 phosphorylation inhibits RIPK1 kinase-dependent cell death in models of infection and inflammation. Nature Communications, 2019, 10, 1729.	5.8	121
165	ATP Release from Dying Autophagic Cells and Their Phagocytosis Are Crucial for Inflammasome Activation in Macrophages. PLoS ONE, 2012, 7, e40069.	1.1	121
166	TTRAP, a Novel Protein That Associates with CD40, Tumor Necrosis Factor (TNF) Receptor-75 and TNF Receptor-associated Factors (TRAFs), and That Inhibits Nuclear Factor-ÎºB Activation. Journal of Biological Chemistry, 2000, 275, 18586-18593.	1.6	120
167	SitePredicting the cleavage of proteinase substrates. Trends in Biochemical Sciences, 2009, 34, 319-323.	3.7	119
168	Both TNF receptors are required for TNF-mediated induction of apoptosis in PC60 cells. Journal of Immunology, 1995, 154, 2904-13.	0.4	119
169	Chemotherapy-induced ileal crypt apoptosis and the ileal microbiome shape immunosurveillance and prognosis of proximal colon cancer. Nature Medicine, 2020, 26, 919-931.	15.2	118
170	Severity of doxorubicinâ€induced small intestinal mucositis is regulated by the TLRâ€2 and TLRâ€9 pathways. Journal of Pathology, 2012, 226, 598-608.	2.1	117
171	Yersinia enterocolitica YopP-induced Apoptosis of Macrophages Involves the Apoptotic Signaling Cascade Upstream of Bid. Journal of Biological Chemistry, 2001, 276, 19706-19714.	1.6	115
172	Cell death in the skin. Apoptosis: an International Journal on Programmed Cell Death, 2009, 14, 549-569.	2.2	115
173	Caspase-12: an overview. Cell Death and Differentiation, 2004, 11, 365-368.	5.0	114
174	Life and death of female gametes during oogenesis and folliculogenesis. Apoptosis: an International Journal on Programmed Cell Death, 2008, 13, 1065-1087.	2.2	114
175	BNIP3 supports melanoma cell migration and vasculogenic mimicry by orchestrating the actin cytoskeleton. Cell Death and Disease, 2014, 5, e1127-e1127.	2.7	113
176	Endoplasmic reticulum stress induces ligand-independent TNFR1-mediated necroptosis in L929 cells. Cell Death and Disease, 2015, 6, e1587-e1587.	2.7	112
177	Proteome-wide Identification of HtrA2/Omi Substrates. Journal of Proteome Research, 2007, 6, 1006-1015.	1.8	111
178	Chapter 16 Methods for Distinguishing Apoptotic from Necrotic Cells and Measuring Their Clearance. Methods in Enzymology, 2008, 442, 307-341.	0.4	111
179	Nuclear RIPK3 and MLKL contribute to cytosolic necrosome formation and necroptosis. Communications Biology, 2018, 1, 6.	2.0	111
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