

# Peter Vandenabeele

## List of Publications by Citations

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527  
papers

69,591  
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127  
h-index

253  
g-index

552  
ext. papers

79,828  
ext. citations

9.3  
avg, IF

7.83  
L-index

#	Paper	IF	Citations
527	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
526	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544	10.2	2783
525	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
524	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
523	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
522	Molecular mechanisms of necroptosis: an ordered cellular explosion. <i>Nature Reviews Molecular Cell Biology</i> , <b>2010</b> , 11, 700-14	48.7	1603
521	Immunogenic cell death and DAMPs in cancer therapy. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 860-75	31.3	1165
520	Necroptosis and its role in inflammation. <i>Nature</i> , <b>2015</b> , 517, 311-20	50.4	1065
519	Regulated necrosis: the expanding network of non-apoptotic cell death pathways. <i>Nature Reviews Molecular Cell Biology</i> , <b>2014</b> , 15, 135-47	48.7	1063
518	Cytosolic flagellin requires Ipaf for activation of caspase-1 and interleukin 1beta in salmonella-infected macrophages. <i>Nature Immunology</i> , <b>2006</b> , 7, 576-82	19.1	910
517	Reference database of Raman spectra of biological molecules. <i>Journal of Raman Spectroscopy</i> , <b>2007</b> , 38, 1133-1147	2.3	903
516	Bacterial RNA and small antiviral compounds activate caspase-1 through cryopyrin/Nalp3. <i>Nature</i> , <b>2006</b> , 440, 233-6	50.4	891
515	Necroptosis: the release of damage-associated molecular patterns and its physiological relevance. <i>Immunity</i> , <b>2013</b> , 38, 209-23	32.3	797
514	Inhibition of caspases increases the sensitivity of L929 cells to necrosis mediated by tumor necrosis factor. <i>Journal of Experimental Medicine</i> , <b>1998</b> , 187, 1477-85	16.6	746
513	More than one way to die: apoptosis, necrosis and reactive oxygen damage. <i>Oncogene</i> , <b>1999</b> , 18, 7719-30	10.2	718
512	Toxic proteins released from mitochondria in cell death. <i>Oncogene</i> , <b>2004</b> , 23, 2861-74	9.2	700
511	Interleukin 10 reduces the release of tumor necrosis factor and prevents lethality in experimental endotoxemia. <i>Journal of Experimental Medicine</i> , <b>1993</b> , 177, 547-50	16.6	699

510	Two tumour necrosis factor receptors: structure and function. <i>Trends in Cell Biology</i> , <b>1995</b> , 5, 392-9	18.3	698
509	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
508	The molecular machinery of regulated cell death. <i>Cell Research</i> , <b>2019</b> , 29, 347-364	24.7	583
507	Targeting Ferroptosis to Iron Out Cancer. <i>Cancer Cell</i> , <b>2019</b> , 35, 830-849	24.3	569
506	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
505	Classification of cell death: recommendations of the Nomenclature Committee on Cell Death. <i>Cell Death and Differentiation</i> , <b>2005</b> , 12 Suppl 2, 1463-7	12.7	529
504	Neutrophil extracellular trap cell death requires both autophagy and superoxide generation. <i>Cell Research</i> , <b>2011</b> , 21, 290-304	24.7	527
503	Consensus guidelines for the detection of immunogenic cell death. <i>Oncotmunology</i> , <b>2014</b> , 3, e955691	7.2	524
502	Synchronized renal tubular cell death involves ferroptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 16836-41	11.5	519
501	Suppression of interleukin-33 bioactivity through proteolysis by apoptotic caspases. <i>Immunity</i> , <b>2009</b> , 31, 84-98	32.3	514
500	MLKL compromises plasma membrane integrity by binding to phosphatidylinositol phosphates. <i>Cell Reports</i> , <b>2014</b> , 7, 971-81	10.6	503
499	The role of mitochondrial factors in apoptosis: a Russian roulette with more than one bullet. <i>Cell Death and Differentiation</i> , <b>2002</b> , 9, 1031-42	12.7	498
498	A novel pathway combining calreticulin exposure and ATP secretion in immunogenic cancer cell death. <i>EMBO Journal</i> , <b>2012</b> , 31, 1062-79	13	474
497	Dual signaling of the Fas receptor: initiation of both apoptotic and necrotic cell death pathways. <i>Journal of Experimental Medicine</i> , <b>1998</b> , 188, 919-30	16.6	472
496	Emerging role of damage-associated molecular patterns derived from mitochondria in inflammation. <i>Trends in Immunology</i> , <b>2011</b> , 32, 157-64	14.4	466
495	Apoptosis and necrosis: detection, discrimination and phagocytosis. <i>Methods</i> , <b>2008</b> , 44, 205-21	4.6	465
494	Caspase-mediated cleavage of Beclin-1 inactivates Beclin-1-induced autophagy and enhances apoptosis by promoting the release of proapoptotic factors from mitochondria. <i>Cell Death and Disease</i> , <b>2010</b> , 1, e18	9.8	464
493	Necrosis, a well-orchestrated form of cell demise: signalling cascades, important mediators and concomitant immune response. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2006</b> , 1757, 1371-87	4.6	464

492	Inhibition of apoptosis induced by ischemia-reperfusion prevents inflammation. <i>Journal of Clinical Investigation</i> , <b>1999</b> , 104, 541-9	15.9	444
491	Caspases in cell survival, proliferation and differentiation. <i>Cell Death and Differentiation</i> , <b>2007</b> , 14, 44-55	12.7	442
490	Pannexin-1-mediated recognition of bacterial molecules activates the cryopyrin inflammasome independent of Toll-like receptor signaling. <i>Immunity</i> , <b>2007</b> , 26, 433-43	32.3	436
489	RIP kinase-dependent necrosis drives lethal systemic inflammatory response syndrome. <i>Immunity</i> , <b>2011</b> , 35, 908-18	32.3	388
488	Dying for a cause: NETosis, mechanisms behind an antimicrobial cell death modality. <i>Cell Death and Differentiation</i> , <b>2011</b> , 18, 581-8	12.7	386
487	Necroptosis, necrosis and secondary necrosis converge on similar cellular disintegration features. <i>Cell Death and Differentiation</i> , <b>2010</b> , 17, 922-30	12.7	382
486	Activation of p38 MAPK is required for Bax translocation to mitochondria, cytochrome c release and apoptosis induced by UVB irradiation in human keratinocytes. <i>FASEB Journal</i> , <b>2004</b> , 18, 1946-8	0.9	379
485	RIP kinases at the crossroads of cell death and survival. <i>Cell</i> , <b>2009</b> , 138, 229-32	56.2	374
484	Identification of a new caspase homologue: caspase-14. <i>Cell Death and Differentiation</i> , <b>1998</b> , 5, 838-46	12.7	369
483	RIP1, a kinase on the crossroads of a cell's decision to live or die. <i>Cell Death and Differentiation</i> , <b>2007</b> , 14, 400-10	12.7	359
482	The role of the kinases RIP1 and RIP3 in TNF-induced necrosis. <i>Science Signaling</i> , <b>2010</b> , 3, re4	8.8	348
481	Regulated necrosis: disease relevance and therapeutic opportunities. <i>Nature Reviews Drug Discovery</i> , <b>2016</b> , 15, 348-66	64.1	341
480	Mitochondrial intermembrane proteins in cell death. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 304, 487-97	3.4	319
479	Autophagy: for better or for worse. <i>Cell Research</i> , <b>2012</b> , 22, 43-61	24.7	304
478	Inflammation-associated enterotypes, host genotype, cage and inter-individual effects drive gut microbiota variation in common laboratory mice. <i>Genome Biology</i> , <b>2013</b> , 14, R4	18.3	293
477	Many stimuli pull the necrotic trigger, an overview. <i>Cell Death and Differentiation</i> , <b>2012</b> , 19, 75-86	12.7	290
476	Necrostatin-1 analogues: critical issues on the specificity, activity and in vivo use in experimental disease models. <i>Cell Death and Disease</i> , <b>2012</b> , 3, e437	9.8	290
475	Analysis with micro-Raman spectroscopy of natural organic binding media and varnishes used in art. <i>Analytica Chimica Acta</i> , <b>2000</b> , 407, 261-274	6.6	288

474	A decade of Raman spectroscopy in art and archaeology. <i>Chemical Reviews</i> , <b>2007</b> , 107, 675-86	68.1	284
473	ER stress-induced inflammation: does it aid or impede disease progression?. <i>Trends in Molecular Medicine</i> , <b>2012</b> , 18, 589-98	11.5	277
472	The serine protease Omi/HtrA2 is released from mitochondria during apoptosis. Omi interacts with caspase-inhibitor XIAP and induces enhanced caspase activity. <i>Cell Death and Differentiation</i> , <b>2002</b> , 9, 20-6	12.7	270
471	Clearance of apoptotic and necrotic cells and its immunological consequences. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2006</b> , 11, 1709-26	5.4	263
470	Interleukin-10 controls interferon-gamma and tumor necrosis factor production during experimental endotoxemia. <i>European Journal of Immunology</i> , <b>1994</b> , 24, 1167-71	6.1	261
469	Endonuclease G: a mitochondrial protein released in apoptosis and involved in caspase-independent DNA degradation. <i>Cell Death and Differentiation</i> , <b>2001</b> , 8, 1136-42	12.7	260
468	Major cell death pathways at a glance. <i>Microbes and Infection</i> , <b>2009</b> , 11, 1050-62	9.3	258
467	Molecular mechanisms and pathophysiology of necrotic cell death. <i>Current Molecular Medicine</i> , <b>2008</b> , 8, 207-20	2.5	255
466	cIAP1 and TAK1 protect cells from TNF-induced necrosis by preventing RIP1/RIP3-dependent reactive oxygen species production. <i>Cell Death and Differentiation</i> , <b>2011</b> , 18, 656-65	12.7	251
465	NF- $\kappa$ B-Independent Role of IKK $\beta$ in Preventing RIPK1 Kinase-Dependent Apoptotic and Necroptotic Cell Death during TNF Signaling. <i>Molecular Cell</i> , <b>2015</b> , 60, 63-76	17.6	250
464	TRAIL induces necroptosis involving RIPK1/RIPK3-dependent PARP-1 activation. <i>Cell Death and Differentiation</i> , <b>2012</b> , 19, 2003-14	12.7	248
463	Non-specific effects of methyl ketone peptide inhibitors of caspases. <i>FEBS Letters</i> , <b>1999</b> , 442, 117-21	3.8	246
462	Atractyloside-induced release of cathepsin B, a protease with caspase-processing activity. <i>FEBS Letters</i> , <b>1998</b> , 438, 150-8	3.8	241
461	Molecular and Translational Classifications of DAMPs in Immunogenic Cell Death. <i>Frontiers in Immunology</i> , <b>2015</b> , 6, 588	8.4	239
460	Initiation and execution mechanisms of necroptosis: an overview. <i>Cell Death and Differentiation</i> , <b>2017</b> , 24, 1184-1195	12.7	235
459	Caspase-14 protects against epidermal UVB photodamage and water loss. <i>Nature Cell Biology</i> , <b>2007</b> , 9, 666-74	23.4	234
458	Consensus guidelines for the definition, detection and interpretation of immunogenic cell death <b>2020</b> , 8,		233
457	The mitochondrial serine protease HtrA2/Omi: an overview. <i>Cell Death and Differentiation</i> , <b>2008</b> , 15, 453-60	12.7	231

456	Immunogenic cell death, DAMPs and anticancer therapeutics: an emerging amalgamation. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2010</b> , 1805, 53-71	11.2	227
455	P2Z purinoreceptor ligation induces activation of caspases with distinct roles in apoptotic and necrotic alterations of cell death. <i>FEBS Letters</i> , <b>1999</b> , 447, 71-5	3.8	225
454	RIPK1 ensures intestinal homeostasis by protecting the epithelium against apoptosis. <i>Nature</i> , <b>2014</b> , 513, 95-9	50.4	224
453	Beclin1: a role in membrane dynamics and beyond. <i>Autophagy</i> , <b>2012</b> , 8, 6-17	10.2	222
452	Targeted peptidecentric proteomics reveals caspase-7 as a substrate of the caspase-1 inflammasomes. <i>Molecular and Cellular Proteomics</i> , <b>2008</b> , 7, 2350-63	7.6	221
451	Loss of p63 and its microRNA-205 target results in enhanced cell migration and metastasis in prostate cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 15312-7	11.5	219
450	Heterogeneity of the gut microbiome in mice: guidelines for optimizing experimental design. <i>FEMS Microbiology Reviews</i> , <b>2016</b> , 40, 117-32	15.1	217
449	Nano-targeted induction of dual ferroptotic mechanisms eradicates high-risk neuroblastoma. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 3341-3355	15.9	215
448	RIPK3 contributes to TNFR1-mediated RIPK1 kinase-dependent apoptosis in conditions of cIAP1/2 depletion or TAK1 kinase inhibition. <i>Cell Death and Differentiation</i> , <b>2013</b> , 20, 1381-92	12.7	209
447	Vaccination with Necroptotic Cancer Cells Induces Efficient Anti-tumor Immunity. <i>Cell Reports</i> , <b>2016</b> , 15, 274-87	10.6	204
446	Connexin-related signaling in cell death: to live or let die?. <i>Cell Death and Differentiation</i> , <b>2009</b> , 16, 524-362.7	32.7	200
445	Apoptotic and necrotic cell death induced by death domain receptors. <i>Cellular and Molecular Life Sciences</i> , <b>2001</b> , 58, 356-70	10.3	199
444	Hypericin-based photodynamic therapy induces surface exposure of damage-associated molecular patterns like HSP70 and calreticulin. <i>Cancer Immunology, Immunotherapy</i> , <b>2012</b> , 61, 215-221	7.4	194
443	Epidermal differentiation does not involve the pro-apoptotic executioner caspases, but is associated with caspase-14 induction and processing. <i>Cell Death and Differentiation</i> , <b>2000</b> , 7, 1218-24	12.7	190
442	ROS-induced autophagy in cancer cells assists in evasion from determinants of immunogenic cell death. <i>Autophagy</i> , <b>2013</b> , 9, 1292-307	10.2	187
441	To NET or not to NET:current opinions and state of the science regarding the formation of neutrophil extracellular traps. <i>Cell Death and Differentiation</i> , <b>2019</b> , 26, 395-408	12.7	185
440	Cell death induction by receptors of the TNF family: towards a molecular understanding. <i>FEBS Letters</i> , <b>1997</b> , 410, 96-106	3.8	184
439	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. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 8788-96	5.4	183

438	Death receptor-induced apoptotic and necrotic cell death: differential role of caspases and mitochondria. <i>Cell Death and Differentiation</i> , <b>2001</b> , 8, 829-40	12.7	180
437	The emerging roles of serine protease cascades in the epidermis. <i>Trends in Biochemical Sciences</i> , <b>2009</b> , 34, 453-63	10.3	176
436	Raman spectroscopic database of azo pigments and application to modern art studies. <i>Journal of Raman Spectroscopy</i> , <b>2000</b> , 31, 509-517	2.3	176
435	Inhibition of papain-like cysteine proteases and legumain by caspase-specific inhibitors: when reaction mechanism is more important than specificity. <i>Cell Death and Differentiation</i> , <b>2003</b> , 10, 881-8	12.7	174
434	The proteolytic procaspase activation network: an in vitro analysis. <i>Cell Death and Differentiation</i> , <b>1999</b> , 6, 1117-24	12.7	170
433	Many faces of DAMPs in cancer therapy. <i>Cell Death and Disease</i> , <b>2013</b> , 4, e631	9.8	169
432	Terminal differentiation of human keratinocytes and stratum corneum formation is associated with caspase-14 activation. <i>Journal of Investigative Dermatology</i> , <b>2000</b> , 115, 1148-51	4.3	169
431	Role of IL-1 $\beta$ and the Nlrp3/caspase-1/IL-1 $\beta$ axis in cigarette smoke-induced pulmonary inflammation and COPD. <i>European Respiratory Journal</i> , <b>2011</b> , 38, 1019-28	13.6	168
430	Characterization of seven murine caspase family members. <i>FEBS Letters</i> , <b>1997</b> , 403, 61-9	3.8	164
429	Caspase-14 reveals its secrets. <i>Journal of Cell Biology</i> , <b>2008</b> , 180, 451-8	7.3	164
428	Determination of apoptotic and necrotic cell death in vitro and in vivo. <i>Methods</i> , <b>2013</b> , 61, 117-29	4.6	163
427	TNF-induced necroptosis in L929 cells is tightly regulated by multiple TNFR1 complex I and II members. <i>Cell Death and Disease</i> , <b>2011</b> , 2, e230	9.8	163
426	Phagocytosis of necrotic cells by macrophages is phosphatidylserine dependent and does not induce inflammatory cytokine production. <i>Molecular Biology of the Cell</i> , <b>2004</b> , 15, 1089-100	3.5	162
425	Caspase inhibitors promote alternative cell death pathways. <i>Sciencels STKE: Signal Transduction Knowledge Environment</i> , <b>2006</b> , 2006, pe44		161
424	B cell growth modulating and differentiating activity of recombinant human 26-kd protein (BSF-2, HuIFN-beta 2, HPGF).. <i>EMBO Journal</i> , <b>1987</b> , 6, 1219-1224	13	160
423	Death penalty for keratinocytes: apoptosis versus cornification. <i>Cell Death and Differentiation</i> , <b>2005</b> , 12 Suppl 2, 1497-508	12.7	159
422	Human TNF mutants with selective activity on the p55 receptor. <i>Nature</i> , <b>1993</b> , 361, 266-9	50.4	158
421	Are metacaspases caspases?. <i>Journal of Cell Biology</i> , <b>2007</b> , 179, 375-80	7.3	156



4 <sup>20</sup>	Tumor necrosis factor-mediated cell death: to break or to burst, that's the question. <i>Cellular and Molecular Life Sciences</i> , <b>2010</b> , 67, 1567-79	10.3	154
4 <sup>19</sup>	Functional protection by acute phase proteins alpha(1)-acid glycoprotein and alpha(1)-antitrypsin against ischemia/reperfusion injury by preventing apoptosis and inflammation. <i>Circulation</i> , <b>2000</b> , 102, 1420-6	16.7	152
4 <sup>18</sup>	Reference database of Raman spectra of pharmaceutical excipients. <i>Journal of Raman Spectroscopy</i> , <b>2009</b> , 40, 297-307	2.3	149
4 <sup>17</sup>	Depletion of RIPK3 or MLKL blocks TNF-driven necroptosis and switches towards a delayed RIPK1 kinase-dependent apoptosis. <i>Cell Death and Disease</i> , <b>2014</b> , 5, e1004	9.8	148
4 <sup>16</sup>	The unfolded protein response at the crossroads of cellular life and death during endoplasmic reticulum stress. <i>Biology of the Cell</i> , <b>2012</b> , 104, 259-70	3.5	148
4 <sup>15</sup>	Macrophages use different internalization mechanisms to clear apoptotic and necrotic cells. <i>Cell Death and Differentiation</i> , <b>2006</b> , 13, 2011-22	12.7	148
4 <sup>14</sup>	Gap junctions and the propagation of cell survival and cell death signals. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2005</b> , 10, 459-69	5.4	147
4 <sup>13</sup>	TNF-alpha receptors simultaneously activate Ca <sup>2+</sup> mobilisation and stress kinases in cultured sensory neurones. <i>Neuropharmacology</i> , <b>2002</b> , 42, 93-106	5.5	146
4 <sup>12</sup>	NOD-like receptors and the innate immune system: coping with danger, damage and death. <i>Cytokine and Growth Factor Reviews</i> , <b>2011</b> , 22, 257-76	17.9	144
4 <sup>11</sup>	Sesquiterpene lactones as drugs with multiple targets in cancer treatment: focus on parthenolide. <i>Anti-Cancer Drugs</i> , <b>2012</b> , 23, 883-96	2.4	144
4 <sup>10</sup>	Caspase-14 is required for filaggrin degradation to natural moisturizing factors in the skin. <i>Journal of Investigative Dermatology</i> , <b>2011</b> , 131, 2233-41	4.3	136
4 <sup>09</sup>	Translation inhibition in apoptosis: caspase-dependent PKR activation and eIF2-alpha phosphorylation. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 41620-8	5.4	135
4 <sup>08</sup>	The 55-kDa tumor necrosis factor receptor induces clustering of mitochondria through its membrane-proximal region. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 9673-80	5.4	131
4 <sup>07</sup>	The role of mobile instrumentation in novel applications of Raman spectroscopy: archaeometry, geosciences, and forensics. <i>Chemical Society Reviews</i> , <b>2014</b> , 43, 2628-49	58.5	130
4 <sup>06</sup>	Tumour necrosis factor-induced necrosis versus anti-Fas-induced apoptosis in L929 cells. <i>Cytokine</i> , <b>1997</b> , 9, 801-8	4	130
4 <sup>05</sup>	Comparative study of mobile Raman instrumentation for art analysis. <i>Analytica Chimica Acta</i> , <b>2007</b> , 588, 108-16	6.6	129
4 <sup>04</sup>	Passenger Mutations Confound Interpretation of All Genetically Modified Congenic Mice. <i>Immunity</i> , <b>2015</b> , 43, 200-9	32.3	128
4 <sup>03</sup>	Cathepsin B-mediated activation of the proinflammatory caspase-11. <i>Biochemical and Biophysical Research Communications</i> , <b>1998</b> , 251, 379-87	3.4	128



402	Disruption of HSP90 function reverts tumor necrosis factor-induced necrosis to apoptosis. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 5622-9	5.4	127
401	Interferon- $\beta$ therapy against EAE is effective only when development of the disease depends on the NLRP3 inflammasome. <i>Science Signaling</i> , <b>2012</b> , 5, ra38	8.8	126
400	Programmed necrosis from molecules to health and disease. <i>International Review of Cell and Molecular Biology</i> , <b>2011</b> , 289, 1-35	6	125
399	Glutathione peroxidase 4 prevents necroptosis in mouse erythroid precursors. <i>Blood</i> , <b>2016</b> , 127, 139-48	2.2	123
398	Alternatively activated macrophages and impaired phagocytosis of S. aureus in chronic rhinosinusitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2011</b> , 66, 396-403	9.3	122
397	Molecular crosstalk between apoptosis, necroptosis, and survival signaling. <i>Molecular and Cellular Oncology</i> , <b>2015</b> , 2, e975093	1.2	121
396	Depletion of Beclin-1 due to proteolytic cleavage by caspases in the Alzheimer's disease brain. <i>Neurobiology of Disease</i> , <b>2011</b> , 43, 68-78	7.5	121
395	p38 mitogen-activated protein kinase regulates a novel, caspase-independent pathway for the mitochondrial cytochrome c release in ultraviolet B radiation-induced apoptosis. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 21416-21	5.4	121
394	Functional characterization of the human tumor necrosis factor receptor p75 in a transfected rat/mouse T cell hybridoma. <i>Journal of Experimental Medicine</i> , <b>1992</b> , 176, 1015-24	16.6	121
393	Both TNF receptors are required for TNF-mediated induction of apoptosis in PC60 cells. <i>Journal of Immunology</i> , <b>1995</b> , 154, 2904-13	5.3	118
392	Tipping the balance between necrosis and apoptosis in human and murine cells treated with interferon and dsRNA. <i>Cell Death and Differentiation</i> , <b>2002</b> , 9, 981-94	12.7	117
391	TNFR1- and TNFR2-mediated signaling pathways in human kidney are cell type-specific and differentially contribute to renal injury. <i>FASEB Journal</i> , <b>2005</b> , 19, 1637-45	0.9	117
390	Redox regulation of TNF signaling. <i>BioFactors</i> , <b>1999</b> , 10, 145-56	6.1	117
389	Cleavage of PITSLRE kinases by ICE/CASP-1 and CPP32/CASP-3 during apoptosis induced by tumor necrosis factor. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 11694-7	5.4	115
388	Hypericin-induced photosensitization of HeLa cells leads to apoptosis or necrosis. Involvement of cytochrome c and procaspase-3 activation in the mechanism of apoptosis. <i>FEBS Letters</i> , <b>1998</b> , 440, 19-24	3.8	115
387	Caspase-1 activates nuclear factor of the kappa-enhancer in B cells independently of its enzymatic activity. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 24785-93	5.4	113
386	The death-fold superfamily of homotypic interaction motifs. <i>Trends in Biochemical Sciences</i> , <b>2011</b> , 36, 541-52	10.3	112
385	Targeting Rac1 by the Yersinia effector protein YopE inhibits caspase-1-mediated maturation and release of interleukin-1beta. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 25134-42	5.4	111

384	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-kappa B activation. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 18586-93	5.4	111
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