

Peter Vandenabeele

List of Publications by Year in Descending Order

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

527
papers

69,591
citations

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	Targeting ferroptosis protects against experimental (multi)organ dysfunction and death.. <i>Nature Communications</i> , 2022 , 13, 1046	17.4	6
526	Reduced protection of RIPK3-deficient mice against influenza by matrix protein 2 ectodomain targeted active and passive vaccination strategies.. <i>Cell Death and Disease</i> , 2022 , 13, 280	9.8	
525	MLKL deficiency in BraFPten melanoma model results in a modest delay of nevi development and reduced lymph node dissemination in male mice.. <i>Cell Death and Disease</i> , 2022 , 13, 347	9.8	
524	XIAP restrains TNF-driven intestinal inflammation and dysbiosis by promoting innate immune responses of Paneth and dendritic cells. <i>Science Immunology</i> , 2021 , 6, eabf7235	28	3
523	Developing Macro-Raman Mapping as a Tool for Studying the Pigment Distribution of Art Objects. <i>Analytical Chemistry</i> , 2021 , 93, 15390-15400	7.8	1
522	Quantifying single-cell ERK dynamics in colorectal cancer organoids reveals EGFR as an amplifier of oncogenic MAPK pathway signalling. <i>Nature Cell Biology</i> , 2021 , 23, 377-390	23.4	24
521	Impact of myeloid RIPK1 gene deletion on atherogenesis in ApoE-deficient mice. <i>Atherosclerosis</i> , 2021 , 322, 51-60	3.1	5
520	Patients with COVID-19: in the dark-NETs of neutrophils. <i>Cell Death and Differentiation</i> , 2021 , 28, 3125-3139	12.9	61
519	MLKL in cancer: more than a necroptosis regulator. <i>Cell Death and Differentiation</i> , 2021 , 28, 1757-1772	12.7	12
518	Viral dosing of influenza A infection reveals involvement of RIPK3 and FADD, but not MLKL. <i>Cell Death and Disease</i> , 2021 , 12, 471	9.8	3
517	Punching Holes in Cellular Membranes: Biology and Evolution of Gasdermins. <i>Trends in Cell Biology</i> , 2021 , 31, 500-513	18.3	25
516	Plasma membrane permeabilization following cell death: many ways to dye!. <i>Cell Death Discovery</i> , 2021 , 7, 183	6.9	2
515	Antioxidant and food additive BHA prevents TNF cytotoxicity by acting as a direct RIPK1 inhibitor. <i>Cell Death and Disease</i> , 2021 , 12, 699	9.8	2
514	A TLR3 Ligand Reestablishes Chemotherapeutic Responses in the Context of FPR1 Deficiency. <i>Cancer Discovery</i> , 2021 , 11, 408-423	24.4	12
513	GSDME and its role in cancer: From behind the scenes to the front of the stage. <i>International Journal of Cancer</i> , 2021 , 148, 2872-2883	7.5	16
512	The intrinsic immunogenic properties of cancer cell lines, immunogenic cell death, and how these influence host antitumor immune responses. <i>Cell Death and Differentiation</i> , 2021 , 28, 843-860	12.7	20
511	Microbes exploit death-induced nutrient release by gut epithelial cells. <i>Nature</i> , 2021 , 596, 262-267	50.4	7

510	ADAR1 interaction with Z-RNA promotes editing of endogenous double-stranded RNA and prevents MDA5-dependent immune activation. <i>Cell Reports</i> , 2021 , 36, 109500	10.6	9
509	RIPK1 or RIPK3 deletion prevents progressive neuronal cell death and improves memory function after traumatic brain injury. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 138	7.3	3
508	Necroptosis Signaling Promotes Inflammation, Airway Remodeling, and Emphysema in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 204, 667-681	10.2	15
507	Characteristic ERK1/2 signaling dynamics distinguishes necroptosis from apoptosis. <i>IScience</i> , 2021 , 24, 103074	6.1	1
506	Viral manipulation of host cell necroptosis and pyroptosis.. <i>Trends in Microbiology</i> , 2021 ,	12.4	2
505	Plasma membrane perforation by GSDME during apoptosis-driven secondary necrosis.. <i>Cellular and Molecular Life Sciences</i> , 2021 , 79, 19	10.3	2
504	Beclin 1 functions as a negative modulator of MLKL oligomerisation by integrating into the necrosome complex. <i>Cell Death and Differentiation</i> , 2020 , 27, 3065-3081	12.7	7
503	TL1A regulates adipose-resident innate lymphoid immune responses and enables diet-induced obesity in mice. <i>International Journal of Obesity</i> , 2020 , 44, 1062-1074	5.5	3
502	Inhibitors Targeting RIPK1/RIPK3: Old and New Drugs. <i>Trends in Pharmacological Sciences</i> , 2020 , 41, 209-224	23.4	43
501	Consensus guidelines for the definition, detection and interpretation of immunogenic cell death 2020 , 8,		233
500	Chemotherapy-induced ileal crypt apoptosis and the ileal microbiome shape immunosurveillance and prognosis of proximal colon cancer. <i>Nature Medicine</i> , 2020 , 26, 919-931	50.5	55
499	Nanosopic X-ray imaging and quantification of the iron cellular architecture within single fibroblasts of Friedreich's ataxia patients. <i>Journal of Synchrotron Radiation</i> , 2020 , 27, 185-198	2.4	2
498	Vitamin C controls neuronal necroptosis under oxidative stress. <i>Redox Biology</i> , 2020 , 29, 101408	11.3	10
497	Immunodominant AH1 Antigen-Deficient Necroptotic, but Not Apoptotic, Murine Cancer Cells Induce Antitumor Protection. <i>Journal of Immunology</i> , 2020 , 204, 775-787	5.3	19
496	Ionizing radiation results in a mixture of cellular outcomes including mitotic catastrophe, senescence, methuosis, and iron-dependent cell death. <i>Cell Death and Disease</i> , 2020 , 11, 1003	9.8	27
495	Identification of MYC as an antinecrototic protein that stifles RIPK1-RIPK3 complex formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 19982-19993	11.5	4
494	Necroptosis in Immuno-Oncology and Cancer Immunotherapy. <i>Cells</i> , 2020 , 9,	7.9	25
493	An Apoptotic Caspase Network Safeguards Cell Death Induction in Pyroptotic Macrophages. <i>Cell Reports</i> , 2020 , 32, 107959	10.6	22

492	Mouse Strain-Dependent Difference Toward the Allergen Serine Protease-Like Protein D Reveals a Novel Regulator of IL-33. <i>Frontiers in Immunology</i> , 2020 , 11, 582044	8.4	3
491	Excessive phospholipid peroxidation distinguishes ferroptosis from other cell death modes including pyroptosis. <i>Cell Death and Disease</i> , 2020 , 11, 922	9.8	30
490	Sensing of endogenous nucleic acids by ZBP1 induces keratinocyte necroptosis and skin inflammation. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	34
489	Withaferin A: From ayurvedic folk medicine to preclinical anti-cancer drug. <i>Biochemical Pharmacology</i> , 2020 , 173, 113602	6	42
488	Delivery of Mixed-Lineage Kinase Domain-Like Protein by Vapor Nanobubble Photoporation Induces Necroptotic-Like Cell Death in Tumor Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	15
487	Anti-inflammatory activity of the sesquiterpene lactone diacetylpiptocarphol in dextran sulfate sodium-induced colitis in mice. <i>Journal of Ethnopharmacology</i> , 2019 , 245, 112186	5	6
486	A20 protects cells from TNF-induced apoptosis through linear ubiquitin-dependent and -independent mechanisms. <i>Cell Death and Disease</i> , 2019 , 10, 692	9.8	31
485	Targeting Ferroptosis to Iron Out Cancer. <i>Cancer Cell</i> , 2019 , 35, 830-849	24.3	569
484	Caspase-3 probes for PET imaging of apoptotic tumor response to anticancer therapy. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 4801-4824	3.9	13
483	Serine 25 phosphorylation inhibits RIPK1 kinase-dependent cell death in models of infection and inflammation. <i>Nature Communications</i> , 2019 , 10, 1729	17.4	69
482	The molecular machinery of regulated cell death. <i>Cell Research</i> , 2019 , 29, 347-364	24.7	583
481	Ceramic Production in the Kur River Basin (Fars, Iran) During the Middle to Late Second Millennium bce: A Geochemical and Technological Characterization. <i>Archaeometry</i> , 2019 , 61, 556-573	1.6	1
480	Survival of Single Positive Thymocytes Depends upon Developmental Control of RIPK1 Kinase Signaling by the IKK Complex Independent of NF- κ B. <i>Immunity</i> , 2019 , 50, 348-361.e4	32.3	13
479	Comparative study of the differential cell death protecting effect of various ROS scavengers. <i>Biological Chemistry</i> , 2019 , 400, 149-160	4.5	4
478	The ubiquitin-editing enzyme A20 controls NK cell homeostasis through regulation of mTOR activity and TNF. <i>Journal of Experimental Medicine</i> , 2019 , 216, 2010-2023	16.6	11
477	Blocking connexin43 hemichannels protects mice against tumour necrosis factor-induced inflammatory shock. <i>Scientific Reports</i> , 2019 , 9, 16623	4.9	14
476	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> , 2019 , 26, 395-408	12.7	185
475	Intersections between Regulated Cell Death and Autophagy. <i>Trends in Cell Biology</i> , 2019 , 29, 323-338	18.3	56

474	Keratinocyte Expression of A20/TNFAIP3 Controls Skin Inflammation Associated with Atopic Dermatitis and Psoriasis. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 135-145	4.3	25
473	Nuclear RIPK3 and MLKL contribute to cytosolic necrosome formation and necroptosis. <i>Communications Biology</i> , 2018 , 1, 6	6.7	63
472	Ubiquitin-Mediated Regulation of RIPK1 Kinase Activity Independent of IKK and MK2. <i>Molecular Cell</i> , 2018 , 69, 566-580.e5	17.6	61
471	Noninvasive Whole-Body Imaging of Phosphatidylethanolamine as a Cell Death Marker Using Tc-Duramycin During TNF-Induced SIRS. <i>Journal of Nuclear Medicine</i> , 2018 , 59, 1140-1145	8.9	14
470	Tozasertib Analogues as Inhibitors of Necroptotic Cell Death. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 1895-1920	8.3	19
469	RIPK1-dependent cell death: a novel target of the Aurora kinase inhibitor Tozasertib (VX-680). <i>Cell Death and Disease</i> , 2018 , 9, 211	9.8	16
468	RIPK4 activity in keratinocytes is controlled by the SCF ubiquitin ligase to maintain cortical actin organization. <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 2827-2841	10.3	8
467	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018 , 25, 486-541	12.7	2160
466	Keratinocyte-Specific Ablation of RIPK4 Allows Epidermal Cornification but Impairs Skin Barrier Formation. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 1268-1278	4.3	11
465	The IL-33/ST2 axis is crucial in type 2 airway responses induced by Staphylococcus aureus-derived serine protease-like protein D. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 549-559.e7	11.5	73
464	Archaeological investigations (archaeometry). <i>Physical Sciences Reviews</i> , 2018 , 3,	1.4	5
463	N-glycosylation of mouse TRAIL-R restrains TRAIL-induced apoptosis. <i>Cell Death and Disease</i> , 2018 , 9, 494	9.8	9
462	Treatment with mRNA coding for the necroptosis mediator MLKL induces antitumor immunity directed against neo-epitopes. <i>Nature Communications</i> , 2018 , 9, 3417	17.4	53
461	Nanosopic X-ray fluorescence imaging and quantification of intracellular key-elements in cryofrozen Friedreich's ataxia fibroblasts. <i>PLoS ONE</i> , 2018 , 13, e0190495	3.7	14
460	Glucocorticoid receptor dimers control intestinal STAT1 and TNF-induced inflammation in mice. <i>Journal of Clinical Investigation</i> , 2018 , 128, 3265-3279	15.9	40
459	Therapeutic Targeting of Connexin Channels: New Views and Challenges. <i>Trends in Molecular Medicine</i> , 2018 , 24, 1036-1053	11.5	45
458	Apoptosis of intestinal epithelial cells restricts Clostridium difficile infection in a model of pseudomembranous colitis. <i>Nature Communications</i> , 2018 , 9, 4846	17.4	30
457	Macrophages regulate the clearance of living cells by calreticulin. <i>Nature Communications</i> , 2018 , 9, 4644	17.4	28

456	Discovery of Novel, Drug-Like Ferroptosis Inhibitors with in Vivo Efficacy. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 10126-10140	8.3	33
455	MLKL Reveals Its Friendly Face: A Role in Nerve Regeneration. <i>Molecular Cell</i> , 2018 , 72, 397-399	17.6	1
454	Nano-targeted induction of dual ferroptotic mechanisms eradicates high-risk neuroblastoma. <i>Journal of Clinical Investigation</i> , 2018 , 128, 3341-3355	15.9	215
453	USP8 suppresses death receptor-mediated apoptosis by enhancing FLIP stability. <i>Oncogene</i> , 2017 , 36, 458-470	9.2	33
452	RIPK1 protects hepatocytes from Kupffer cells-mediated TNF-induced apoptosis in mouse models of PAMP-induced hepatitis. <i>Journal of Hepatology</i> , 2017 , 66, 1205-1213	13.4	30
451	Impact of caspase-1/11, -3, -7, or IL-1/IL-18 deficiency on rabies virus-induced macrophage cell death and onset of disease. <i>Cell Death Discovery</i> , 2017 , 3, 17012	6.9	11
450	Initiation and execution mechanisms of necroptosis: an overview. <i>Cell Death and Differentiation</i> , 2017 , 24, 1184-1195	12.7	235
449	When PERK inhibitors turn out to be new potent RIPK1 inhibitors: critical issues on the specificity and use of GSK2606414 and GSK2656157. <i>Cell Death and Differentiation</i> , 2017 , 24, 1100-1110	12.7	102
448	Heme Oxygenase Activity and Heme Binding in a Neonatal Mouse Model. <i>Neonatology</i> , 2017 , 112, 376-383	3.3	5
447	6E11, a highly selective inhibitor of Receptor-Interacting Protein Kinase 1, protects cells against cold hypoxia-reoxygenation injury. <i>Scientific Reports</i> , 2017 , 7, 12931	4.9	19
446	Necroptotic cell death in anti-cancer therapy. <i>Immunological Reviews</i> , 2017 , 280, 207-219	11.3	87
445	MK2 phosphorylation of RIPK1 regulates TNF-mediated cell death. <i>Nature Cell Biology</i> , 2017 , 19, 1237-1244	13.4	108
444	RIPK1 protects hepatocytes from death in Fas-induced hepatitis. <i>Scientific Reports</i> , 2017 , 7, 9205	4.9	8
443	Necroptosis: (Last) Message in a Bubble. <i>Immunity</i> , 2017 , 47, 1-3	32.3	10
442	Sibiriline, a new small chemical inhibitor of receptor-interacting protein kinase 1, prevents immune-dependent hepatitis. <i>FEBS Journal</i> , 2017 , 284, 3050-3068	5.7	13
441	Sorafenib tosylate inhibits directly necrosome complex formation and protects in mouse models of inflammation and tissue injury. <i>Cell Death and Disease</i> , 2017 , 8, e2904	9.8	47
440	Elevated Np63 β Levels Facilitate Epidermal and Biliary Oncogenic Transformation. <i>Journal of Investigative Dermatology</i> , 2017 , 137, 494-505	4.3	15
439	Sorafenib inhibits therapeutic induction of necroptosis in acute leukemia cells. <i>Oncotarget</i> , 2017 , 8, 68208-68219	9.3	27

438	How do we fit ferroptosis in the family of regulated cell death?. <i>Cell Death and Differentiation</i> , 2017 , 24, 1991-1998	12.7	62
437	Heterogeneity of the gut microbiome in mice: guidelines for optimizing experimental design. <i>FEMS Microbiology Reviews</i> , 2016 , 40, 117-32	15.1	217
436	Immunogenic Apoptotic Cell Death and Anticancer Immunity. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 930, 133-49	3.6	60
435	A real-time fluorometric method for the simultaneous detection of cell death type and rate. <i>Nature Protocols</i> , 2016 , 11, 1444-54	18.8	31
434	RIPK1 protects from TNF- α -mediated liver damage during hepatitis. <i>Cell Death and Disease</i> , 2016 , 7, e2462	3.8	49
433	In situ Raman mapping of art objects. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016 , 374,	3	17
432	Methodological evolutions of Raman spectroscopy in art and archaeology. <i>Analytical Methods</i> , 2016 , 8, 8395-8409	3.2	54
431	A siRNA screen reveals the prosurvival effect of protein kinase A activation in conditions of unresolved endoplasmic reticulum stress. <i>Cell Death and Differentiation</i> , 2016 , 23, 1670-80	12.7	9
430	Necroptosis: A Novel Cell Death Modality and Its Potential Relevance for Critical Care Medicine. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 415-28	10.2	56
429	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
428	Regulated necrosis: disease relevance and therapeutic opportunities. <i>Nature Reviews Drug Discovery</i> , 2016 , 15, 348-66	64.1	341
427	Extracellular ATP and P2X ₇ receptor exert context-specific immunogenic effects after immunogenic cancer cell death. <i>Cell Death and Disease</i> , 2016 , 7, e2097	9.8	29
426	Mobile Spectroscopic Instrumentation in Archaeometry Research. <i>Applied Spectroscopy</i> , 2016 , 70, 27-41	3.1	65
425	CHIP controls necroptosis through ubiquitylation- and lysosome-dependent degradation of RIPK3. <i>Nature Cell Biology</i> , 2016 , 18, 291-302	23.4	93
424	Cigarette smoke-induced necroptosis and DAMP release trigger neutrophilic airway inflammation in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016 , 310, L377-86	5.8	92
423	Evaluation of portable Raman spectroscopy and handheld X-ray fluorescence analysis (hXRF) for the direct analysis of glyptics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016 , 157, 146-152	4.4	19
422	Novel Ferroptosis Inhibitors with Improved Potency and ADME Properties. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 2041-53	8.3	54
421	Tumor necrosis factor receptor 2-signaling in CD133-expressing cells in renal clear cell carcinoma. <i>Oncotarget</i> , 2016 , 7, 24111-24	3.3	15

420	Phagocytosis Assay to Measure Uptake of Necroptotic Cancer Cells by BMDCs. <i>Bio-protocol</i> , 2016 , 6,	0.9	1
419	The pseudokinase MLKL mediates programmed hepatocellular necrosis independently of RIPK3 during hepatitis. <i>Journal of Clinical Investigation</i> , 2016 , 126, 4346-4360	15.9	98
418	Generation of a new Gateway-compatible inducible lentiviral vector platform allowing easy derivation of co-transduced cells. <i>BioTechniques</i> , 2016 , 60, 252-9	2.5	8
417	Raman spectroscopy of green minerals and reaction products with an application in Cultural Heritage research. <i>Journal of Raman Spectroscopy</i> , 2016 , 47, 1429-1443	2.3	34
416	An evolutionary perspective on the necroptotic pathway. <i>Trends in Cell Biology</i> , 2016 , 26, 721-732	18.3	86
415	Boosting Apoptotic Cell Clearance by Colonic Epithelial Cells Attenuates Inflammation In Vivo. <i>Immunity</i> , 2016 , 44, 807-20	32.3	75
414	Vaccination with Necroptotic Cancer Cells Induces Efficient Anti-tumor Immunity. <i>Cell Reports</i> , 2016 , 15, 274-87	10.6	204
413	New insight on the underdrawing of 16th Flemish-Portuguese easel paintings by combined surface analysis and microanalytical techniques. <i>Micron</i> , 2016 , 85, 15-25	2.3	12
412	An outline of necrosome triggers. <i>Cellular and Molecular Life Sciences</i> , 2016 , 73, 2137-52	10.3	73
411	The Tumor Suppressor Hace1 Is a Critical Regulator of TNFR1-Mediated Cell Fate. <i>Cell Reports</i> , 2016 , 15, 1481-1492	10.6	24
410	Glutathione peroxidase 4 prevents necroptosis in mouse erythroid precursors. <i>Blood</i> , 2016 , 127, 139-48	2.2	123
409	NecroX-7 reduces necrotic core formation in atherosclerotic plaques of Apoe knockout mice. <i>Atherosclerosis</i> , 2016 , 252, 166-174	3.1	11
408	Nondestructive investigation on the 17-18th centuries Sicilian jewelry collection at the Messina regional museum using mobile Raman equipment. <i>Journal of Raman Spectroscopy</i> , 2015 , 46, 989-995	2.3	28
407	Mitochondria and NADPH oxidases are the major sources of TNF- α -cycloheximide-induced oxidative stress in murine intestinal epithelial MODE-K cells. <i>Cellular Signalling</i> , 2015 , 27, 1141-58	4.9	18
406	Passenger Mutations Confound Interpretation of All Genetically Modified Congenic Mice. <i>Immunity</i> , 2015 , 43, 200-9	32.3	128
405	Endoplasmic reticulum stress induces ligand-independent TNFR1-mediated necroptosis in L929 cells. <i>Cell Death and Disease</i> , 2015 , 6, e1587	9.8	87
404	Antioxidant potential of CORM-A1 and resveratrol during TNF- α -cycloheximide-induced oxidative stress and apoptosis in murine intestinal epithelial MODE-K cells. <i>Toxicology and Applied Pharmacology</i> , 2015 , 288, 161-78	4.6	31
403	Molecular crosstalk between apoptosis, necroptosis, and survival signaling. <i>Molecular and Cellular Oncology</i> , 2015 , 2, e975093	1.2	121

402	Non-apoptotic role for caspase-7 in hair follicles and the surrounding tissue. <i>Journal of Molecular Histology</i> , 2015 , 46, 443-55	3.3	4
401	NF- κ B-Independent Role of IKK β in Preventing RIPK1 Kinase-Dependent Apoptotic and Necroptotic Cell Death during TNF Signaling. <i>Molecular Cell</i> , 2015 , 60, 63-76	17.6	250
400	A novel RIPK4-IRF6 connection is required to prevent epithelial fusions characteristic for popliteal pterygium syndromes. <i>Cell Death and Differentiation</i> , 2015 , 22, 1012-24	12.7	26
399	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. <i>Cell Death and Differentiation</i> , 2015 , 22, 58-73	12.7	643
398	Evaluation of portable Raman instruments with 532 and 785-nm excitation for identification of zeolites and beryllium containing silicates. <i>Journal of Raman Spectroscopy</i> , 2015 , 46, 927-932	2.3	11
397	Resistance to anticancer vaccination effect is controlled by a cancer cell-autonomous phenotype that disrupts immunogenic phagocytic removal. <i>Oncotarget</i> , 2015 , 6, 26841-60	3.3	64
396	Molecular and Translational Classifications of DAMPs in Immunogenic Cell Death. <i>Frontiers in Immunology</i> , 2015 , 6, 588	8.4	239
395	NIK promotes tissue destruction independently of the alternative NF- κ B pathway through TNFR1/RIP1-induced apoptosis. <i>Cell Death and Differentiation</i> , 2015 , 22, 2020-33	12.7	28
394	Necroptosis and its role in inflammation. <i>Nature</i> , 2015 , 517, 311-20	50.4	1065
393	Novel Reporter for Faithful Monitoring of ERK2 Dynamics in Living Cells and Model Organisms. <i>PLoS ONE</i> , 2015 , 10, e0140924	3.7	5
392	Is SIRT2 required for necroptosis?. <i>Nature</i> , 2014 , 506, E4-6	50.4	19
391	DAMPs activating innate and adaptive immune responses in COPD. <i>Mucosal Immunology</i> , 2014 , 7, 215-26	9.2	98
390	Regulated necrosis: the expanding network of non-apoptotic cell death pathways. <i>Nature Reviews Molecular Cell Biology</i> , 2014 , 15, 135-47	48.7	1063
389	A combined spectroscopic study on Chinese porcelain containing ruan-cai colours. <i>Analytical Methods</i> , 2014 , 6, 387-394	3.2	34
388	The role of mobile instrumentation in novel applications of Raman spectroscopy: archaeometry, geosciences, and forensics. <i>Chemical Society Reviews</i> , 2014 , 43, 2628-49	58.5	130
387	Depletion of RIPK3 or MLKL blocks TNF-driven necroptosis and switches towards a delayed RIPK1 kinase-dependent apoptosis. <i>Cell Death and Disease</i> , 2014 , 5, e1004	9.8	148
386	Synchronized renal tubular cell death involves ferroptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 16836-41	11.5	519
385	Necroptosis, in vivo detection in experimental disease models. <i>Seminars in Cell and Developmental Biology</i> , 2014 , 35, 2-13	7.5	108

384	Tauroursodeoxycholic acid inhibits experimental colitis by preventing early intestinal epithelial cell death. <i>Laboratory Investigation</i> , 2014 , 94, 1419-30	5.9	41
383	RIPK1 ensures intestinal homeostasis by protecting the epithelium against apoptosis. <i>Nature</i> , 2014 , 513, 95-9	50.4	224
382	Simultaneous targeting of IL-1 and IL-18 is required for protection against inflammatory and septic shock. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 282-91	10.2	109
381	Non-destructive in situ study of <i>Mad Meg</i> by Pieter Bruegel the Elder using mobile X-ray fluorescence, X-ray diffraction and Raman spectrometers. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014 , 97, 1-6	3.1	29
380	MLKL compromises plasma membrane integrity by binding to phosphatidylinositol phosphates. <i>Cell Reports</i> , 2014 , 7, 971-81	10.6	503
379	An analytical Raman spectroscopic study of an important english oil painting of the 18th Century. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 118, 598-602	4.4	11
378	Non-classical proIL-1beta activation during mammary gland infection is pathogen-dependent but caspase-1 independent. <i>PLoS ONE</i> , 2014 , 9, e105680	3.7	20
377	Consensus guidelines for the detection of immunogenic cell death. <i>Oncotmunology</i> , 2014 , 3, e955691	7.2	524
376	Non-apoptotic functions of caspase-7 during osteogenesis. <i>Cell Death and Disease</i> , 2014 , 5, e1366	9.8	23
375	BNIP3 supports melanoma cell migration and vasculogenic mimicry by orchestrating the actin cytoskeleton. <i>Cell Death and Disease</i> , 2014 , 5, e1127	9.8	92
374	Mobile Raman spectroscopy in astrobiology research. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014 , 372,	3	3
373	Necroptosis: A Novel Way of Regulated Necrosis with Large Pathophysiological Implications 2014 , 153-161		
372	RIPK1 promotes death receptor-independent caspase-8-mediated apoptosis under unresolved ER stress conditions. <i>Cell Death and Disease</i> , 2014 , 5, e1555	9.8	31
371	Deficiency in the mitochondrial apoptotic pathway reveals the toxic potential of autophagy under ER stress conditions. <i>Autophagy</i> , 2014 , 10, 1921-36	10.2	40
370	The skin microbiome of caspase-14-deficient mice shows mild dysbiosis. <i>Experimental Dermatology</i> , 2014 , 23, 561-7	4	11
369	Shining light on cell death processes - a novel biosensor for necroptosis, a newly described cell death program. <i>Biotechnology Journal</i> , 2014 , 9, 224-40	5.6	9
368	The Potential Role of Necroptosis in Diseases 2014 , 1-21		1
367	Methods to Study and Distinguish Necroptosis 2014 , 335-361		2

366	Caspase-3 and RasGAP: a stress-sensing survival/demise switch. <i>Trends in Cell Biology</i> , 2014 , 24, 83-9	18.3	30
365	Characterisation of a portable Raman spectrometer for in situ analysis of art objects. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 118, 294-301	4.4	86
364	Inflammation-associated enterotypes, host genotype, cage and inter-individual effects drive gut microbiota variation in common laboratory mice. <i>Genome Biology</i> , 2013 , 14, R4	18.3	293
363	<i>Escherichia coli</i> induces bovine neutrophil cell death independent from caspase-3/-7/-1, but with phosphatidylserine exposure prior to membrane rupture. <i>Veterinary Immunology and Immunopathology</i> , 2013 , 153, 45-56	2	11
362	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> , 2013 , 20, 1381-92	12.7	209
361	IP3, a small molecule with a powerful message. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013 , 1833, 1772-86	4.9	32
360	An inactivating caspase-11 passenger mutation muddles sepsis research. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 120-1	10.2	14
359	Improved radiocarbon dating for contaminated archaeological bone collagen, silk, wool and hair samples via cross-flow nanofiltrated amino acids. <i>Rapid Communications in Mass Spectrometry</i> , 2013 , 27, 2039-50	2.2	11
358	Caspase-7 participates in differentiation of cells forming dental hard tissues. <i>Development Growth and Differentiation</i> , 2013 , 55, 615-21	3	20
357	Necroptosis: the release of damage-associated molecular patterns and its physiological relevance. <i>Immunity</i> , 2013 , 38, 209-23	32.3	797
356	Determination of apoptotic and necrotic cell death in vitro and in vivo. <i>Methods</i> , 2013 , 61, 117-29	4.6	163
355	Caspase-3 and Caspase-7 2013 , 2256-2265		
354	Development of a nanofiltration method for bone collagen 14C AMS dating. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013 , 294, 233-239	1.2	6
353	Caspase-14-deficient mice are more prone to the development of parakeratosis. <i>Journal of Investigative Dermatology</i> , 2013 , 133, 742-750	4.3	30
352	Cell surface-expressed phosphatidylserine as therapeutic target to enhance phagocytosis of apoptotic cells. <i>Cell Death and Differentiation</i> , 2013 , 20, 49-56	12.7	25
351	Gut microbiota affects sensitivity to acute DSS-induced colitis independently of host genotype. <i>Inflammatory Bowel Diseases</i> , 2013 , 19, 2560-7	4.5	54
350	ROS-induced autophagy in cancer cells assists in evasion from determinants of immunogenic cell death. <i>Autophagy</i> , 2013 , 9, 1292-307	10.2	187
349	Caspase-14 overexpression in hairless mice is not involved in utricle formation. <i>Experimental Dermatology</i> , 2013 , 22, 484-6	4	2

348	The adjuvant-like activity of staphylococcal enterotoxin B in a murine asthma model is independent of IL-1R signaling. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2013 , 68, 446-53	9.3	11
347	TNF/TNF-R1 pathway is involved in doxorubicin-induced acute sterile inflammation. <i>Cell Death and Disease</i> , 2013 , 4, e961	9.8	10
346	Many faces of DAMPs in cancer therapy. <i>Cell Death and Disease</i> , 2013 , 4, e631	9.8	169
345	The soluble guanylate cyclase activator BAY 58-2667 protects against morbidity and mortality in endotoxic shock by recoupling organ systems. <i>PLoS ONE</i> , 2013 , 8, e72155	3.7	12
344	Caspase-12 2013 , 2274-2280		1
343	Discrimination of zeolites and beryllium containing silicates using portable Raman spectroscopic equipment with near-infrared excitation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 86, 341-6	4.4	14
342	On the definition of Raman spectroscopic detection limits for the analysis of biomarkers in solid matrices. <i>Planetary and Space Science</i> , 2012 , 62, 48-54	2	49
341	The unfolded protein response at the crossroads of cellular life and death during endoplasmic reticulum stress. <i>Biology of the Cell</i> , 2012 , 104, 259-70	3.5	148
340	Feasibility study of the application of micro-Raman imaging as complement to micro-XRF imaging. <i>Applied Physics A: Materials Science and Processing</i> , 2012 , 106, 363-376	2.6	21
339	Hypericin-based photodynamic therapy induces surface exposure of damage-associated molecular patterns like HSP70 and calreticulin. <i>Cancer Immunology, Immunotherapy</i> , 2012 , 61, 215-221	7.4	194
338	Cigarette smoke and the terminal ileum: increased autophagy in murine follicle-associated epithelium and Peyer's patches. <i>Histochemistry and Cell Biology</i> , 2012 , 137, 293-301	2.4	18
337	Immunogenic cell death and DAMPs in cancer therapy. <i>Nature Reviews Cancer</i> , 2012 , 12, 860-75	31.3	1165
336	A novel pathway combining calreticulin exposure and ATP secretion in immunogenic cancer cell death. <i>EMBO Journal</i> , 2012 , 31, 1062-79	13	474
335	Intermediate domain of receptor-interacting protein kinase 1 (RIPK1) determines switch between necroptosis and RIPK1 kinase-dependent apoptosis. <i>Journal of Biological Chemistry</i> , 2012 , 287, 14863-72 ^{5.4}		34
334	Autophagy: for better or for worse. <i>Cell Research</i> , 2012 , 22, 43-61	24.7	304
333	Caspase-7 in molar tooth development. <i>Archives of Oral Biology</i> , 2012 , 57, 1474-81	2.8	13
332	Beclin1: a role in membrane dynamics and beyond. <i>Autophagy</i> , 2012 , 8, 6-17	10.2	222
331	Development of a dedicated peptide tandem mass spectral library for conservation science. <i>Analytica Chimica Acta</i> , 2012 , 728, 39-48	6.6	9

330	Some ideas on the definition of Raman spectroscopic detection limits for the analysis of art and archaeological objects. <i>Journal of Raman Spectroscopy</i> , 2012 , 43, 1545-1550	2.3	24
329	RIP1 is required for IAP inhibitor-mediated sensitization of childhood acute leukemia cells to chemotherapy-induced apoptosis. <i>Leukemia</i> , 2012 , 26, 1020-9	10.7	57
328	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544.2	46.2	2783
327	Vibrational Spectroscopy as a Tool for Tracing Art Forgeries 2012 , 367-381		3
326	ER stress-induced inflammation: does it aid or impede disease progression?. <i>Trends in Molecular Medicine</i> , 2012 , 18, 589-98	11.5	277
325	Proteolysis of Ambra1 during apoptosis has a role in the inhibition of the autophagic pro-survival response. <i>Cell Death and Differentiation</i> , 2012 , 19, 1495-504	12.7	109
324	The role of the IAP E3 ubiquitin ligases in regulating pattern-recognition receptor signalling. <i>Nature Reviews Immunology</i> , 2012 , 12, 833-44	36.5	54
323	Molecular definitions of cell death subroutines: recommendations of the Nomenclature Committee on Cell Death 2012. <i>Cell Death and Differentiation</i> , 2012 , 19, 107-20	12.7	1843
322	Filaggrin degradation by caspase-14 is required for UVB photoprotection but does not influence allergic sensitization in a mouse model of atopic dermatitis. <i>Journal of Investigative Dermatology</i> , 2012 , 132, 2857-60	4.3	9
321	The <i>Pseudomonas aeruginosa</i> type III secretion system has an exotoxin S/T/Y independent pathogenic role during acute lung infection. <i>PLoS ONE</i> , 2012 , 7, e41547	3.7	28
320	Severity of doxorubicin-induced small intestinal mucositis is regulated by the TLR-2 and TLR-9 pathways. <i>Journal of Pathology</i> , 2012 , 226, 598-608	9.4	76
319	TRAIL induces necroptosis involving RIPK1/RIPK3-dependent PARP-1 activation. <i>Cell Death and Differentiation</i> , 2012 , 19, 2003-14	12.7	248
318	Contribution to the identification of Cu and Co copper phthalocyanine blue pigments in modern artists' paints by X-ray powder diffraction, attenuated total reflectance micro-fourier transform infrared spectroscopy and micro-Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2012 , 43, 1772-1780	2.3	49
317	Erythropoietin-induced changes in brain gene expression reveal induction of synaptic plasticity genes in experimental stroke. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 9617-22	11.5	62
316	Transfer of IP through gap junctions is critical, but not sufficient, for the spread of apoptosis. <i>Cell Death and Differentiation</i> , 2012 , 19, 947-57	12.7	46
315	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> , 2012 , 109, 15312-7	11.5	219
314	Contribution of ER Stress to Immunogenic Cancer Cell Death 2012 , 413-428		1
313	Sesquiterpene lactones as drugs with multiple targets in cancer treatment: focus on parthenolide. <i>Anti-Cancer Drugs</i> , 2012 , 23, 883-96	2.4	144

312	The emergence of phox-ER stress induced immunogenic apoptosis. <i>Oncotmunology</i> , 2012 , 1, 786-788	7.2	77
311	Interferon- β therapy against EAE is effective only when development of the disease depends on the NLRP3 inflammasome. <i>Science Signaling</i> , 2012 , 5, ra38	8.8	126
310	Many stimuli pull the necrotic trigger, an overview. <i>Cell Death and Differentiation</i> , 2012 , 19, 75-86	12.7	290
309	Necrostatin-1 analogues: critical issues on the specificity, activity and in vivo use in experimental disease models. <i>Cell Death and Disease</i> , 2012 , 3, e437	9.8	290
308	Degradomics reveals that cleavage specificity profiles of caspase-2 and effector caspases are alike. <i>Journal of Biological Chemistry</i> , 2012 , 287, 33983-95	5.4	33
307	ATP release from dying autophagic cells and their phagocytosis are crucial for inflammasome activation in macrophages. <i>PLoS ONE</i> , 2012 , 7, e40069	3.7	96
306	Smac mimetic bypasses apoptosis resistance in FADD- or caspase-8-deficient cells by priming for tumor necrosis factor β -induced necroptosis. <i>Neoplasia</i> , 2011 , 13, 971-9	6.4	79
305	DAMPs and PDT-mediated photo-oxidative stress: exploring the unknown. <i>Photochemical and Photobiological Sciences</i> , 2011 , 10, 670-80	4.2	98
304	Programmed necrosis from molecules to health and disease. <i>International Review of Cell and Molecular Biology</i> , 2011 , 289, 1-35	6	125
303	Neutrophil extracellular trap cell death requires both autophagy and superoxide generation. <i>Cell Research</i> , 2011 , 21, 290-304	24.7	527
302	Caspase-14 is required for filaggrin degradation to natural moisturizing factors in the skin. <i>Journal of Investigative Dermatology</i> , 2011 , 131, 2233-41	4.3	136
301	NOD-like receptors and the innate immune system: coping with danger, damage and death. <i>Cytokine and Growth Factor Reviews</i> , 2011 , 22, 257-76	17.9	144
300	Dual face apoptotic machinery: from initiator of apoptosis to guardian of necroptosis. <i>Immunity</i> , 2011 , 35, 493-5	32.3	13
299	Emerging role of damage-associated molecular patterns derived from mitochondria in inflammation. <i>Trends in Immunology</i> , 2011 , 32, 157-64	14.4	466
298	The Ripoptosome: death decision in the cytosol. <i>Molecular Cell</i> , 2011 , 43, 323-5	17.6	46
297	RIP kinase-dependent necrosis drives lethal systemic inflammatory response syndrome. <i>Immunity</i> , 2011 , 35, 908-18	32.3	388
296	Fine-tuning nucleophosmin in macrophage differentiation and activation. <i>Blood</i> , 2011 , 118, 4694-704	2.2	25
295	Monitoring the Presence of Humic Substances in Wool and Silk by the Use of Nondestructive Fluorescence Spectroscopy: Quality Control for ^{14}C Dating of Wool and Silk. <i>Radiocarbon</i> , 2011 , 53, 429-442	4.6	9

294	Alternatively activated macrophages and impaired phagocytosis of <i>S. aureus</i> in chronic rhinosinusitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011 , 66, 396-403	9.3	122
293	cIAP1 and TAK1 protect cells from TNF-induced necrosis by preventing RIP1/RIP3-dependent reactive oxygen species production. <i>Cell Death and Differentiation</i> , 2011 , 18, 656-65	12.7	251
292	Dying for a cause: NETosis, mechanisms behind an antimicrobial cell death modality. <i>Cell Death and Differentiation</i> , 2011 , 18, 581-8	12.7	386
291	TLR-2 and TLR-9 are sensors of apoptosis in a mouse model of doxorubicin-induced acute inflammation. <i>Cell Death and Differentiation</i> , 2011 , 18, 1316-25	12.7	87
290	Keratinocyte-specific ablation of the NF- κ B regulatory protein A20 (TNFAIP3) reveals a role in the control of epidermal homeostasis. <i>Cell Death and Differentiation</i> , 2011 , 18, 1845-53	12.7	64
289	The death-fold superfamily of homotypic interaction motifs. <i>Trends in Biochemical Sciences</i> , 2011 , 36, 541-52	10.3	112
288	Calcium and connexin-based intercellular communication, a deadly catch?. <i>Cell Calcium</i> , 2011 , 50, 310-214		55
287	Classification of protein binders in artist's paints by matrix-assisted laser desorption/ionisation time-of-flight mass spectrometry: an evaluation of principal component analysis (PCA) and soft independent modelling of class analogy (SIMCA). <i>Rapid Communications in Mass Spectrometry</i> , 2011 , 25, 1631-40	2.2	40
286	Depletion of Beclin-1 due to proteolytic cleavage by caspases in the Alzheimer's disease brain. <i>Neurobiology of Disease</i> , 2011 , 43, 68-78	7.5	121
285	The detection of biomarkers in evaporite matrices using a portable Raman instrument under Alpine conditions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011 , 80, 8-13	4.4	24
284	First findings of monocrystalline aragonite inclusions in garnet from diamond-grade UHPM rocks (Kokchetav Massif, Northern Kazakhstan). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011 , 80, 21-6	4.4	8
283	Evaluation of a spectral searching algorithm for the comparison of Raman band positions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011 , 80, 27-31	4.4	9
282	Critical evaluation of a handheld Raman spectrometer with near infrared (785nm) excitation for field identification of minerals. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011 , 80, 36-40	4.4	57
281	The use of a multi-method approach to identify the pigments in the 12th century manuscript Liber Floridus. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011 , 80, 125-32	4.4	38
280	Caspase deficiency alters the murine gut microbiome. <i>Cell Death and Disease</i> , 2011 , 2, e220	9.8	54
279	MAGUKs, scaffolding proteins at cell junctions, are substrates of different proteases during apoptosis. <i>Cell Death and Disease</i> , 2011 , 2, e116	9.8	14
278	Role of IL-1 β and the Nlrp3/caspase-1/IL-1 β axis in cigarette smoke-induced pulmonary inflammation and COPD. <i>European Respiratory Journal</i> , 2011 , 38, 1019-28	13.6	168
277	Interaction patches of procaspase-1 caspase recruitment domains (CARDs) are differently involved in procaspase-1 activation and receptor-interacting protein 2 (RIP2)-dependent nuclear factor κ B signaling. <i>Journal of Biological Chemistry</i> , 2011 , 286, 35874-35882	5.4	34

276	NLRP3/caspase-1-independent IL-1 β production mediates diesel exhaust particle-induced pulmonary inflammation. <i>Journal of Immunology</i> , 2011 , 187, 3331-7	5.3	66
275	TNF-induced necroptosis in L929 cells is tightly regulated by multiple TNFR1 complex I and II members. <i>Cell Death and Disease</i> , 2011 , 2, e230	9.8	163
274	clAP1/2 are direct E3 ligases conjugating diverse types of ubiquitin chains to receptor interacting proteins kinases 1 to 4 (RIP1-4). <i>PLoS ONE</i> , 2011 , 6, e22356	3.7	74
273	The mitochondrial serine protease HtrA2/Omi cleaves RIP1 during apoptosis of Ba/F3 cells induced by growth factor withdrawal. <i>Cell Research</i> , 2010 , 20, 421-33	24.7	21
272	Necroptosis, necrosis and secondary necrosis converge on similar cellular disintegration features. <i>Cell Death and Differentiation</i> , 2010 , 17, 922-30	12.7	382
271	Molecular mechanisms of necroptosis: an ordered cellular explosion. <i>Nature Reviews Molecular Cell Biology</i> , 2010 , 11, 700-14	48.7	1603
270	Hydroxylase inhibition abrogates TNF- α -induced intestinal epithelial damage by hypoxia-inducible factor-1-dependent repression of FADD. <i>Journal of Immunology</i> , 2010 , 185, 6306-16	5.3	60
269	Diamond-Graphite Relationships in Ultrahigh-pressure Metamorphic Rocks from the Kokchetav Massif, Northern Kazakhstan. <i>Journal of Petrology</i> , 2010 , 51, 763-783	3.9	47
268	Aragonite-calcite-dolomite relationships in UHPM polycrystalline carbonate inclusions from the Kokchetav Massif, northern Kazakhstan. <i>European Journal of Mineralogy</i> , 2010 , 21, 1301-1311	2.2	16
267	The role of the kinases RIP1 and RIP3 in TNF-induced necrosis. <i>Science Signaling</i> , 2010 , 3, re4	8.8	348
266	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> , 2010 , 1, e18	9.8	464
265	Tumor necrosis factor-mediated cell death: to break or to burst, that's the question. <i>Cellular and Molecular Life Sciences</i> , 2010 , 67, 1567-79	10.3	154
264	Raman-based geobarometry of ultrahigh-pressure metamorphic rocks: applications, problems, and perspectives. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 397, 2739-52	4.4	21
263	Raman spectra of pure biomolecules obtained using a handheld instrument under cold high-altitude conditions. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 397, 2753-60	4.4	38
262	Tryptic peptide analysis of protein binders in works of art by liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2010 , 658, 156-62	6.6	49
261	Impairment of phagocytosis of apoptotic cells and its role in chronic airway diseases. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010 , 15, 1137-46	5.4	29
260	Clearance of dead cells: mechanisms, immune responses and implication in the development of diseases. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010 , 15, 995-7	5.4	28
259	Immunogenic cell death, DAMPs and anticancer therapeutics: an emerging amalgamation. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2010 , 1805, 53-71	11.2	227

258	Expression of calcium-sensing receptor in quail granulosa explants: a key to survival during folliculogenesis. <i>Anatomical Record</i> , 2010 , 293, 890-9	2.1	6
257	Micro-Raman spectroscopy of decorated pottery from the Iberian archaeological site of Puente Tablas (Jaén, Spain, 7th-8th century B.C.). <i>Journal of Raman Spectroscopy</i> , 2010 , 41, 68-73	2.3	24
256	Direct analysis of the central panel of the so-called Wyts triptych after Jan van Eyck. <i>Journal of Raman Spectroscopy</i> , 2010 , 41, 1500-1509	2.3	19
255	In situ investigations of vault paintings in the Antwerp cathedral. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010 , 75, 511-9	4.4	48
254	Inhibition of spontaneous neutrophil apoptosis by parabutopirin acts independently of NADPH oxidase inhibition but by lipid raft-dependent stimulation of Akt. <i>Journal of Leukocyte Biology</i> , 2009 , 85, 497-507	6.5	20
253	Proteome-wide substrate analysis indicates substrate exclusion as a mechanism to generate caspase-7 versus caspase-3 specificity. <i>Molecular and Cellular Proteomics</i> , 2009 , 8, 2700-14	7.6	57
252	SitePredicting the cleavage of proteinase substrates. <i>Trends in Biochemical Sciences</i> , 2009 , 34, 319-23	10.3	94
251	The emerging roles of serine protease cascades in the epidermis. <i>Trends in Biochemical Sciences</i> , 2009 , 34, 453-63	10.3	176
250	Caspase substrates: easily caught in deep waters?. <i>Trends in Biotechnology</i> , 2009 , 27, 680-8	15.1	38
249	Mitotic catastrophe as a prestage to necrosis in mouse liver cells treated with <i>Helicobacter pullorum</i> sonicates. <i>Journal of Morphology</i> , 2009 , 270, 921-8	1.6	7
248	Reference database of Raman spectra of pharmaceutical excipients. <i>Journal of Raman Spectroscopy</i> , 2009 , 40, 297-307	2.3	149
247	Cell death in the skin. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009 , 14, 549-69	5.4	104
246	Suppression of interleukin-33 bioactivity through proteolysis by apoptotic caspases. <i>Immunity</i> , 2009 , 31, 84-98	32.3	514
245	Identification of protein binders in works of art by high-performance liquid chromatography-diode array detector analysis of their tryptic digests. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 393, 1991-9	4.4	20
244	Classification of cell death: recommendations of the Nomenclature Committee on Cell Death 2009. <i>Cell Death and Differentiation</i> , 2009 , 16, 3-11	12.7	2114
243	Connexin-related signaling in cell death: to live or let die?. <i>Cell Death and Differentiation</i> , 2009 , 16, 524-362.7	200	
242	Guidelines for the use and interpretation of assays for monitoring cell death in higher eukaryotes. <i>Cell Death and Differentiation</i> , 2009 , 16, 1093-107	12.7	533
241	Major cell death pathways at a glance. <i>Microbes and Infection</i> , 2009 , 11, 1050-62	9.3	258

240	Multi-disciplinary investigation of the tomb of Menna (TT69), Theban Necropolis, Egypt. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009 , 73, 546-52	4.4	31
239	First finding of burkeite in melt inclusions in olivine from sheared lherzolite xenoliths. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009 , 73, 424-7	4.4	23
238	The Biodata toolbox for MATLAB. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2009 , 95, 49-52	3.8	20
237	RIP kinases at the crossroads of cell death and survival. <i>Cell</i> , 2009 , 138, 229-32	56.2	374
236	Necrosis: Molecular Mechanisms and Physiological Roles 2009 , 599-633		1
235	Use of dendrograms of slice spectra as a new graphical tool for the interpretation of two-dimensional correlation spectra. <i>Applied Spectroscopy</i> , 2009 , 63, 73-80	3.1	3
234	Molecular Pathways of Different Types of Cell Death: Many Roads to Death 2009 , 3-31		2
233	Reconstitution of protection against Aspergillus infection in chronic granulomatous disease (CGD). <i>Blood</i> , 2009 , 114, 3497; author reply 3498	2.2	6
232	The mitochondrial serine protease HtrA2/Omi: an overview. <i>Cell Death and Differentiation</i> , 2008 , 15, 453-60	12.7	231
231	In vivo imaging of NF-kappaB activity during Escherichia coli-induced mammary gland infection. <i>Cellular Microbiology</i> , 2008 , 10, 1249-58	3.9	28
230	Inflammatory mediators in Escherichia coli-induced mastitis in mice. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2008 , 31, 551-65	2.6	31
229	Necrotic cell death and 'necrostatins': now we can control cellular explosion. <i>Trends in Biochemical Sciences</i> , 2008 , 33, 352-5	10.3	23
228	Selective stimulation of either tumor necrosis factor receptor differentially induces pain behavior in vivo and ectopic activity in sensory neurons in vitro. <i>Neuroscience</i> , 2008 , 157, 414-23	3.9	72
227	Apoptosis and necrosis: detection, discrimination and phagocytosis. <i>Methods</i> , 2008 , 44, 205-21	4.6	465
226	Necrotic cell death, a controlled way of cellular explosion 2008 , 189-190		
225	From regulation of dying cell engulfment to development of anti-cancer therapy. <i>Cell Death and Differentiation</i> , 2008 , 15, 29-38	12.7	61
224	Methods for distinguishing apoptotic from necrotic cells and measuring their clearance. <i>Methods in Enzymology</i> , 2008 , 442, 307-41	1.7	92
223	Acute modulations in permeability barrier function regulate epidermal cornification: role of caspase-14 and the protease-activated receptor type 2. <i>American Journal of Pathology</i> , 2008 , 172, 86-97	5.8	109

222	Caspase-14 reveals its secrets. <i>Journal of Cell Biology</i> , 2008 , 180, 451-8	7.3	164
221	Creation and X-ray structure analysis of the tumor necrosis factor receptor-1-selective mutant of a tumor necrosis factor-alpha antagonist. <i>Journal of Biological Chemistry</i> , 2008 , 283, 998-1007	5.4	74
220	Molecular mechanisms and pathophysiology of necrotic cell death. <i>Current Molecular Medicine</i> , 2008 , 8, 207-20	2.5	255
219	Targeted peptidecentric proteomics reveals caspase-7 as a substrate of the caspase-1 inflammasomes. <i>Molecular and Cellular Proteomics</i> , 2008 , 7, 2350-63	7.6	221
218	Life and death of female gametes during oogenesis and folliculogenesis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2008 , 13, 1065-87	5.4	83
217	Treatment of PC-3 and DU145 prostate cancer cells by prenylflavonoids from hop (<i>Humulus lupulus</i> L.) induces a caspase-independent form of cell death. <i>Phytotherapy Research</i> , 2008 , 22, 197-203	6.7	65
216	Analysis of South-Asian Shaman paintings at the national museum of Denmark. <i>Journal of Raman Spectroscopy</i> , 2008 , 39, 1030-1034	2.3	22
215	Study of the 19th century porcelain cards with direct Raman analysis. <i>Journal of Raman Spectroscopy</i> , 2008 , 39, 1099-1103	2.3	16
214	Proteome-wide Identification of HtrA2/Omi Substrates. <i>Journal of Proteome Research</i> , 2007 , 6, 1006-15	5.6	101
213	Reference database of Raman spectra of biological molecules. <i>Journal of Raman Spectroscopy</i> , 2007 , 38, 1133-1147	2.3	903
212	Methods for extracting biochemical information from bacterial Raman spectra: an explorative study on <i>Cupriavidus metallidurans</i> . <i>Analytica Chimica Acta</i> , 2007 , 585, 234-40	6.6	38
211	Comparative study of mobile Raman instrumentation for art analysis. <i>Analytica Chimica Acta</i> , 2007 , 588, 108-16	6.6	129
210	Methods for extracting biochemical information from bacterial Raman spectra: focus on a group of structurally similar biomolecules--fatty acids. <i>Analytica Chimica Acta</i> , 2007 , 603, 167-75	6.6	32
209	Raman mapping of coesite inclusions in garnet from the Kokchetav Massif (Northern Kazakhstan). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007 , 68, 1046-52	4.4	27
208	Caspase-14 protects against epidermal UVB photodamage and water loss. <i>Nature Cell Biology</i> , 2007 , 9, 666-74	23.4	234
207	Caspases in cell survival, proliferation and differentiation. <i>Cell Death and Differentiation</i> , 2007 , 14, 44-55	12.7	442
206	RIP1, a kinase on the crossroads of a cell's decision to live or die. <i>Cell Death and Differentiation</i> , 2007 , 14, 400-10	12.7	359
205	The caspase-generated fragments of PKR cooperate to activate full-length PKR and inhibit translation. <i>Cell Death and Differentiation</i> , 2007 , 14, 1050-9	12.7	17

204	A phylogenetic and functional overview of inflammatory caspases and caspase-1-related CARD-only proteins. <i>Biochemical Society Transactions</i> , 2007 , 35, 1508-11	5.1	58
203	Different Pathways Mediate Cytochrome c Release After Photodynamic Therapy with Hypericin. <i>Photochemistry and Photobiology</i> , 2007 , 74, 133-142	3.6	3
202	Non-destructive analysis of museum objects by fibre-optic Raman spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 387, 813-9	4.4	53
201	Chemotaxonomical identification of spores of macrofungi: possibilities of Raman spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 387, 2823-32	4.4	26
200	The Nod-like receptor family member Naip5/Birc1e restricts Legionella pneumophila growth independently of caspase-1 activation. <i>Journal of Immunology</i> , 2007 , 178, 8022-7	5.3	99
199	Inflammatory caspases: targets for novel therapies. <i>Current Pharmaceutical Design</i> , 2007 , 13, 367-85	3.3	75
198	Inflammatory Caspases: Targets for Novel Therapies. <i>Current Pharmaceutical Design</i> , 2007 , 13, 365-383	3.3	10
197	Are metacaspases caspases?. <i>Journal of Cell Biology</i> , 2007 , 179, 375-80	7.3	156
196	Pannexin-1-mediated recognition of bacterial molecules activates the cryopyrin inflammasome independent of Toll-like receptor signaling. <i>Immunity</i> , 2007 , 26, 433-43	32.3	436
195	NADPH oxidases: new players in TNF-induced necrotic cell death. <i>Molecular Cell</i> , 2007 , 26, 769-71	17.6	34
194	Caspase-mediated cleavage of the exosome subunit PM/Scf-75 during apoptosis. <i>Arthritis Research and Therapy</i> , 2007 , 9, R12	5.7	7
193	A decade of Raman spectroscopy in art and archaeology. <i>Chemical Reviews</i> , 2007 , 107, 675-86	68.1	284
192	Introducing students to Raman spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2006 , 385, 209-11	4.4	7
191	Necrosis is associated with IL-6 production but apoptosis is not. <i>Cellular Signalling</i> , 2006 , 18, 328-35	4.9	79
190	Caspases leave the beaten track: caspase-mediated activation of NF-kappaB. <i>Journal of Cell Biology</i> , 2006 , 173, 165-71	7.3	51
189	Caspase-containing complexes in the regulation of cell death and inflammation. <i>Biological Chemistry</i> , 2006 , 387, 1005-16	4.5	24
188	Caspase inhibitors promote alternative cell death pathways. <i>Sciencels STKE: Signal Transduction Knowledge Environment</i> , 2006 , 2006, pe44		161
187	Necrosis, a well-orchestrated form of cell demise: signalling cascades, important mediators and concomitant immune response. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2006 , 1757, 1371-87	4.6	464

186	Cytosolic flagellin requires Ipaf for activation of caspase-1 and interleukin 1beta in salmonella-infected macrophages. <i>Nature Immunology</i> , 2006 , 7, 576-82	19.1	910
185	Bacterial RNA and small antiviral compounds activate caspase-1 through cryopyrin/Nalp3. <i>Nature</i> , 2006 , 440, 233-6	50.4	891
184	Butylated hydroxyanisole is more than a reactive oxygen species scavenger. <i>Cell Death and Differentiation</i> , 2006 , 13, 166-9	12.7	80
183	Macrophages use different internalization mechanisms to clear apoptotic and necrotic cells. <i>Cell Death and Differentiation</i> , 2006 , 13, 2011-22	12.7	148
182	Raman spectroscopic monitoring of Lactarius latex. <i>Phytochemistry</i> , 2006 , 67, 2580-9	4	5
181	Clearance of apoptotic and necrotic cells and its immunological consequences. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006 , 11, 1709-26	5.4	263
180	Fas-Induced Necrosis 2006 , 51-68		
179	The Use of Proteomics to Identify and Characterize Cell Death Proteins 2005 , 403-434		
178	Evaluation of an accurate calibration and spectral standardization procedure for Raman spectroscopy. <i>Analyst, The</i> , 2005 , 130, 1204-14	5	78
177	Apoptotic Pathways and Their Regulation 2005 , 1-29		1
176	Discrimination of metamorphic diamond populations by Raman spectroscopy (Kokchetav, Kazakhstan). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005 , 61, 2378-85	4.4	24
175	Raman spectroscopic analysis of the Maya wall paintings in Ek'Balam, Mexico. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005 , 61, 2349-56	4.4	109
174	Improvements in the wallpaper industry during the second half of the 19th century: micro-Raman spectroscopy analysis of pigmented wallpapers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005 , 61, 2357-63	4.4	26
173	Death penalty for keratinocytes: apoptosis versus cornification. <i>Cell Death and Differentiation</i> , 2005 , 12 Suppl 2, 1497-508	12.7	159
172	Classification of cell death: recommendations of the Nomenclature Committee on Cell Death. <i>Cell Death and Differentiation</i> , 2005 , 12 Suppl 2, 1463-7	12.7	529
171	Apoptosis of hematopoietic cells induced by growth factor withdrawal is associated with caspase-9 mediated cleavage of Raf-1. <i>Oncogene</i> , 2005 , 24, 1552-62	9.2	20
170	In situ analysis of mediaeval wall paintings: a challenge for mobile Raman spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2005 , 383, 707-12	4.4	77
169	Gap junctions and the propagation of cell survival and cell death signals. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2005 , 10, 459-69	5.4	147

168	Induction of apoptosis by TNF receptor 2 in a T-cell hybridoma is FADD dependent and blocked by caspase-8 inhibitors. <i>Journal of Cell Science</i> , 2005 , 118, 497-504	5.3	45
167	TNFR1- and TNFR2-mediated signaling pathways in human kidney are cell type-specific and differentially contribute to renal injury. <i>FASEB Journal</i> , 2005 , 19, 1637-45	0.9	117
166	Requirement for tumor necrosis factor-receptor 2 in alveolar chemokine expression depends upon the form of the ligand. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2005 , 33, 463-9	5.7	18
165	Protein synthesis persists during necrotic cell death. <i>Journal of Cell Biology</i> , 2005 , 168, 545-51	7.3	61
164	A novel caspase-2 complex containing TRAF2 and RIP1. <i>Journal of Biological Chemistry</i> , 2005 , 280, 6923-32		56
163	More than one way to die: methods to determine TNF-induced apoptosis and necrosis. <i>Methods in Molecular Medicine</i> , 2004 , 98, 101-26		22
162	Phagocytosis of necrotic cells by macrophages is phosphatidylserine dependent and does not induce inflammatory cytokine production. <i>Molecular Biology of the Cell</i> , 2004 , 15, 1089-100	3.5	162
161	Bcl-2 family members as sentinels of cellular integrity and role of mitochondrial intermembrane space proteins in apoptotic cell death. <i>Acta Haematologica</i> , 2004 , 111, 7-27	2.7	87
160	Chapter 14 Pigment identification in illuminated manuscripts. <i>Comprehensive Analytical Chemistry</i> , 2004 , 635-662	1.9	8
159	INCA, a novel human caspase recruitment domain protein that inhibits interleukin-1beta generation. <i>Journal of Biological Chemistry</i> , 2004 , 279, 51729-38	5.4	71
158	Targeting Rac1 by the Yersinia effector protein YopE inhibits caspase-1-mediated maturation and release of interleukin-1beta. <i>Journal of Biological Chemistry</i> , 2004 , 279, 25134-42	5.4	111
157	Caspase-1 activates nuclear factor of the kappa-enhancer in B cells independently of its enzymatic activity. <i>Journal of Biological Chemistry</i> , 2004 , 279, 24785-93	5.4	113
156	Differential signaling to apoptotic and necrotic cell death by Fas-associated death domain protein FADD. <i>Journal of Biological Chemistry</i> , 2004 , 279, 7925-33	5.4	91
155	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> , 2004 , 18, 1946-8	0.9	379
154	Caspase-12: an overview. <i>Cell Death and Differentiation</i> , 2004 , 11, 365-8	12.7	105
153	Toxic proteins released from mitochondria in cell death. <i>Oncogene</i> , 2004 , 23, 2861-74	9.2	700
152	Doxorubicin-induced activation of protein kinase D1 through caspase-mediated proteolytic cleavage: identification of two cleavage sites by microsequencing. <i>Cellular Signalling</i> , 2004 , 16, 703-9	4.9	18
151	A new instrument adapted to in situ Raman analysis of objects of art. <i>Analytical and Bioanalytical Chemistry</i> , 2004 , 379, 137-42	4.4	80

150	Micro-Raman analysis of coloured lithographs. <i>Analytical and Bioanalytical Chemistry</i> , 2004 , 379, 674-83	4.4	28
149	Raman spectroscopy in art and archaeology. <i>Journal of Raman Spectroscopy</i> , 2004 , 35, 607-609	2.3	59
148	Distinct mechanisms are involved in tumorigenic and tumoricidal activities of monocyte-derived dendritic cells. <i>Immunology Letters</i> , 2004 , 91, 99-101	4.1	15
147	Vitamin D3 induces caspase-14 expression in psoriatic lesions and enhances caspase-14 processing in organotypic skin cultures. <i>American Journal of Pathology</i> , 2004 , 165, 833-41	5.8	44
146	Proteolysis of enteric cell villin by <i>Entamoeba histolytica</i> cysteine proteinases. <i>Journal of Biological Chemistry</i> , 2003 , 278, 22650-6	5.4	34
145	Disruption of HSP90 function reverts tumor necrosis factor-induced necrosis to apoptosis. <i>Journal of Biological Chemistry</i> , 2003 , 278, 5622-9	5.4	127
144	Caspase-1 and caspase-8 cleave and inactivate cellular parkin. <i>Journal of Biological Chemistry</i> , 2003 , 278, 23376-80	5.4	60
143	Distinct regulation of cytosolic phospholipase A2 phosphorylation, translocation, proteolysis and activation by tumour necrosis factor-receptor subtypes. <i>Biochemical Journal</i> , 2003 , 374, 453-61	3.8	43
142	Modulation by caspases of tumor necrosis factor-stimulated c-Jun N-terminal kinase activation but not nuclear factor-kappaB signaling. <i>Biochemical Pharmacology</i> , 2003 , 65, 91-9	6	11
141	Mechanisms of internalization of apoptotic and necrotic L929 cells by a macrophage cell line studied by electron microscopy. <i>Journal of Morphology</i> , 2003 , 258, 336-45	1.6	50
140	Interaction of caspase-3 with the cyclic GMP binding cyclic GMP specific phosphodiesterase (PDE5a1). <i>FEBS Journal</i> , 2003 , 270, 962-70		9
139	Caspase-14 is expressed in the epidermis, the choroid plexus, the retinal pigment epithelium and thymic Hassall's bodies. <i>Cell Death and Differentiation</i> , 2003 , 10, 257-9	12.7	39
138	Caspase-mediated cleavage of the U snRNP-associated Sm-F protein during apoptosis. <i>Cell Death and Differentiation</i> , 2003 , 10, 570-9	12.7	11
137	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> , 2003 , 10, 881-8	12.7	174
136	Inhibition of nuclear factor-kappaB by a nitro-derivative of flurbiprofen: a possible mechanism for antiinflammatory and antiproliferative effect. <i>Antioxidants and Redox Signaling</i> , 2003 , 5, 229-35	8.4	14
135	Ultraviolet B radiation-induced apoptosis in human keratinocytes: cytosolic activation of procaspase-8 and the role of Bcl-2. <i>FEBS Letters</i> , 2003 , 540, 125-32	3.8	47
134	Mitochondrial intermembrane proteins in cell death. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 304, 487-97	3.4	319
133	A Bcl-2 transgene expressed in hepatocytes does not protect mice from fulminant liver destruction induced by Fas ligand. <i>Cytokine</i> , 2003 , 22, 62-70	4	8

132	Tumor necrosis factor-alpha-induced activation of RhoA in airway smooth muscle cells: role in the Ca ²⁺ sensitization of myosin light chain ²⁰ phosphorylation. <i>Molecular Pharmacology</i> , 2003 , 63, 714-21	4.3	87
131	Regulation of the expression and processing of caspase-12. <i>Journal of Cell Biology</i> , 2003 , 162, 457-67	7.3	110
130	A matrix-assisted laser desorption ionization post-source decay (MALDI-PSD) analysis of proteins released from isolated liver mitochondria treated with recombinant truncated Bid. <i>Cell Death and Differentiation</i> , 2002 , 9, 301-8	12.7	76
129	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> , 2002 , 9, 20-6	12.7	270
128	Tipping the balance between necrosis and apoptosis in human and murine cells treated with interferon and dsRNA. <i>Cell Death and Differentiation</i> , 2002 , 9, 981-94	12.7	117
127	The role of mitochondrial factors in apoptosis: a Russian roulette with more than one bullet. <i>Cell Death and Differentiation</i> , 2002 , 9, 1031-42	12.7	498
126	Caspases are not localized in mitochondria during life or death. <i>Cell Death and Differentiation</i> , 2002 , 9, 1207-11	12.7	58
125	Head involution defective (Hid)-triggered apoptosis requires caspase-8 but not FADD (Fas-associated death domain) and is regulated by Erk in mammalian cells. <i>Journal of Biological Chemistry</i> , 2002 , 277, 35097-104	5.4	10
124	Signaling to gene activation and cell death by tumor necrosis factor receptors and Fas. <i>International Review of Cytology</i> , 2002 , 214, 225-72		38
123	The p55 tumour necrosis factor receptor TNFR1 contains a trans-Golgi network localization signal in the C-terminal region of its cytoplasmic tail. <i>Biochemical Journal</i> , 2002 , 366, 15-22	3.8	29
122	Tumour necrosis factor-induced activation of c-Jun N-terminal kinase is sensitive to caspase-dependent modulation while activation of mitogen-activated protein kinase (MAPK) or p38 MAPK is not. <i>Biochemical Journal</i> , 2002 , 366, 145-55	3.8	21
121	Differential activation of nuclear factor-kappaB by tumour necrosis factor receptor subtypes. TNFR1 predominates whereas TNFR2 activates transcription poorly. <i>FEBS Letters</i> , 2002 , 515, 119-26	3.8	70
120	TNF-alpha receptors simultaneously activate Ca ²⁺ mobilisation and stress kinases in cultured sensory neurones. <i>Neuropharmacology</i> , 2002 , 42, 93-106	5.5	146
119	Type II tumour necrosis factor-alpha receptor (TNFR2) activates c-Jun N-terminal kinase (JNK) but not mitogen-activated protein kinase (MAPK) or p38 MAPK pathways. <i>Biochemical Journal</i> , 2001 , 359, 525-35	3.8	39
118	Type II tumour necrosis factor-receptor (TNFR2) activates c-Jun N-terminal kinase (JNK) but not mitogen-activated protein kinase (MAPK) or p38 MAPK pathways. <i>Biochemical Journal</i> , 2001 , 359, 525-35	3.8	58
117	Apoptotic and necrotic cell death induced by death domain receptors. <i>Cellular and Molecular Life Sciences</i> , 2001 , 58, 356-70	10.3	199
116	Non-destructive analysis of paintings using Fourier transform Raman spectroscopy with fibre optics. <i>Journal of Raman Spectroscopy</i> , 2001 , 32, 263-269	2.3	65
115	Death receptor-induced apoptotic and necrotic cell death: differential role of caspases and mitochondria. <i>Cell Death and Differentiation</i> , 2001 , 8, 829-40	12.7	180

114	Endonuclease G: a mitochondrial protein released in apoptosis and involved in caspase-independent DNA degradation. <i>Cell Death and Differentiation</i> , 2001 , 8, 1136-42	12.7	260
113	Stimulation of stress-activated but not mitogen-activated protein kinases by tumour necrosis factor receptor subtypes in airway smooth muscle. <i>Biochemical Pharmacology</i> , 2001 , 61, 749-59	6	25
112	The gamma subunit of the rod photoreceptor cGMP phosphodiesterase can modulate the proteolysis of two cGMP binding cGMP-specific phosphodiesterases (PDE6 and PDE5) by caspase-3. <i>Cellular Signalling</i> , 2001 , 13, 735-41	4.9	9
111	The somatostatin analogue TT-232 induces apoptosis in A431 cells: sustained activation of stress-activated kinases and inhibition of signalling to extracellular signal-regulated kinases. <i>Cellular Signalling</i> , 2001 , 13, 717-25	4.9	20
110	Lithium sensitizes tumor cells in an NF-kappa B-independent way to caspase activation and apoptosis induced by tumor necrosis factor (TNF). Evidence for a role of the TNF receptor-associated death domain protein. <i>Journal of Biological Chemistry</i> , 2001 , 276, 25939-45	5.4	32
109	Translation inhibition in apoptosis: caspase-dependent PKR activation and eIF2-alpha phosphorylation. <i>Journal of Biological Chemistry</i> , 2001 , 276, 41620-8	5.4	135
108	Yersinia enterocolitica YopP-induced apoptosis of macrophages involves the apoptotic signaling cascade upstream of bid. <i>Journal of Biological Chemistry</i> , 2001 , 276, 19706-14	5.4	98
107	Identification of tumor necrosis factor (TNF) amino acids crucial for binding to the murine p75 TNF receptor and construction of receptor-selective mutants. <i>Journal of Biological Chemistry</i> , 2001 , 276, 37426-30	5.4	23
106	Heterotrimers formed by tumor necrosis factors of different species or muteins. <i>Journal of Biological Chemistry</i> , 2001 , 276, 27098-103	5.4	21
105	Tumoricidal activity of monocyte-derived dendritic cells: evidence for a caspase-8-dependent, Fas-associated death domain-independent mechanism. <i>Journal of Immunology</i> , 2001 , 167, 3565-9	5.3	53
104	Different pathways mediate cytochrome c release after photodynamic therapy with hypericin. <i>Photochemistry and Photobiology</i> , 2001 , 74, 133-42	3.6	48
103	Mouse mammary gland involution is associated with cytochrome c release and caspase activation. <i>Mechanisms of Development</i> , 2001 , 104, 89-98	1.7	26
102	The EMAPII cytokine is released from the mammalian multisynthetase complex after cleavage of its p43/proEMAPII component. <i>Journal of Biological Chemistry</i> , 2001 , 276, 23769-76	5.4	105
101	Activated caspase-1 is not a central mediator of inflammation in the course of ischemia-reperfusion. <i>Transplantation</i> , 2001 , 71, 778-84	1.8	23
100	Raman spectroscopic database of azo pigments and application to modern art studies. <i>Journal of Raman Spectroscopy</i> , 2000 , 31, 509-517	2.3	176
99	Analysis with micro-Raman spectroscopy of natural organic binding media and varnishes used in art. <i>Analytica Chimica Acta</i> , 2000 , 407, 261-274	6.6	288
98	Terminal differentiation of human keratinocytes and stratum corneum formation is associated with caspase-14 activation. <i>Journal of Investigative Dermatology</i> , 2000 , 115, 1148-51	4.3	169
97	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> , 2000 , 7, 1218-24	12.7	190

96	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> , 2000 , 275, 21416-21	5.4	121
95	Structure/Function analysis of p55 tumor necrosis factor receptor and fas-associated death domain. Effect on necrosis in L929sA cells. <i>Journal of Biological Chemistry</i> , 2000 , 275, 37596-603	5.4	29
94	Spectroscopic Examination of Two Egyptian Masks: A Combined Method Approach. <i>Analytical Letters</i> , 2000 , 33, 3315-3332	2.2	38
93	The cAMP-specific phosphodiesterase PDE4A5 is cleaved downstream of its SH3 interaction domain by caspase-3. Consequences for altered intracellular distribution. <i>Journal of Biological Chemistry</i> , 2000 , 275, 28063-74	5.4	41
92	Role of Reactive Oxygen Species in Tumor Necrosis Factor Toxicity 2000 , 245-264		
91	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> , 2000 , 102, 1420-6	16.7	152
90	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> , 2000 , 275, 18586-93	5.4	111
89	A role for potassium in TNF-induced apoptosis and gene-induction in human and rodent tumour cell lines. <i>Cytokine</i> , 2000 , 12, 747-50	4	25
88	Phosphatidyl serine exposure during apoptosis precedes release of cytochrome c and decrease in mitochondrial transmembrane potential. <i>FEBS Letters</i> , 2000 , 465, 47-52	3.8	76
87	The endothelial monocyte-activating polypeptide II (EMAP II) is a substrate for caspase-7. <i>FEBS Letters</i> , 2000 , 466, 143-7	3.8	58
86	Authors'Reply:. <i>American Journal of Kidney Diseases</i> , 2000 , 36, 665-668	7.4	1
85	Tumor necrosis factor-alpha mediates both apoptotic cell death and cell proliferation in a human hematopoietic cell line dependent on mitotic activity and receptor subtype expression. <i>Journal of Biological Chemistry</i> , 1999 , 274, 9539-47	5.4	75
84	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> , 1999 , 274, 8788-96	5.4	183
83	The proteolytic procaspase activation network: an in vitro analysis. <i>Cell Death and Differentiation</i> , 1999 , 6, 1117-24	12.7	170
82	Caspase-induced proteolysis of the cyclin-dependent kinase inhibitor p27Kip1 mediates its anti-apoptotic activity. <i>Oncogene</i> , 1999 , 18, 4839-47	9.2	78
81	More than one way to die: apoptosis, necrosis and reactive oxygen damage. <i>Oncogene</i> , 1999 , 18, 7719-30	9.2	718
80	Redox regulation of TNF signaling. <i>BioFactors</i> , 1999 , 10, 145-56	6.1	117
79	GAL4 is a substrate for caspases: implications for two-hybrid screening and other GAL4-based assays. <i>Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications</i> , 1999 , 1, 158-61		5

78	Non-specific effects of methyl ketone peptide inhibitors of caspases. <i>FEBS Letters</i> , 1999 , 442, 117-21	3.8	246
77	Identification of caspases that cleave presenilin-1 and presenilin-2. Five presenilin-1 (PS1) mutations do not alter the sensitivity of PS1 to caspases. <i>FEBS Letters</i> , 1999 , 445, 149-54	3.8	44
76	P2Z purinoreceptor ligation induces activation of caspases with distinct roles in apoptotic and necrotic alterations of cell death. <i>FEBS Letters</i> , 1999 , 447, 71-5	3.8	225
75	Proteolytic cleavage of beta-catenin by caspases: an in vitro analysis. <i>FEBS Letters</i> , 1999 , 458, 167-70	3.8	38
74	Cleavage of transcription factor SP1 by caspases during anti-IgM-induced B-cell apoptosis. <i>FEBS Journal</i> , 1999 , 261, 269-74		36
73	Tumor necrosis factor induces distinct patterns of caspase activation in WEHI-164 cells associated with apoptosis or necrosis depending on cell cycle stage. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 261, 385-92	3.4	28
72	Inhibition of apoptosis induced by ischemia-reperfusion prevents inflammation. <i>Journal of Clinical Investigation</i> , 1999 , 104, 541-9	15.9	444
71	Propos de l'analyse chimique des pigments utilisés dans quelques manuscrits enluminés. <i>Scriptorium</i> , 1999 , 53, 357-372		7
70	Activation of caspases in lethal experimental hepatitis and prevention by acute phase proteins. <i>Journal of Immunology</i> , 1999 , 163, 5235-41	5.3	63
69	Identification of a new caspase homologue: caspase-14. <i>Cell Death and Differentiation</i> , 1998 , 5, 838-46	12.7	369
68	Use of the yeast three-hybrid system as a tool to study caspases. <i>Analytical Biochemistry</i> , 1998 , 263, 62-63	1	13
67	Atractyloside-induced release of cathepsin B, a protease with caspase-processing activity. <i>FEBS Letters</i> , 1998 , 438, 150-8	3.8	241
66	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> , 1998 , 440, 19-24	3.8	115
65	Tumor necrosis factor-induced cytotoxicity is not related to rates of mitochondrial morphological abnormalities or autophagy-changes that can be mediated by TNFR-I or TNFR-II. <i>Bioscience Reports</i> , 1998 , 18, 329-40	4.1	22
64	Dual signaling of the Fas receptor: initiation of both apoptotic and necrotic cell death pathways. <i>Journal of Experimental Medicine</i> , 1998 , 188, 919-30	16.6	472
63	Cathepsin B-mediated activation of the proinflammatory caspase-11. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 251, 379-87	3.4	128
62	Sensitization of tnf-induced apoptosis with polyamine synthesis inhibitors in different human and murine tumour cell lines. <i>Cytokine</i> , 1998 , 10, 423-31	4	39
61	Molecular cloning and identification of murine caspase-8. <i>Journal of Molecular Biology</i> , 1998 , 284, 1017-26	5	33

60	Inhibition of caspases increases the sensitivity of L929 cells to necrosis mediated by tumor necrosis factor. <i>Journal of Experimental Medicine</i> , 1998 , 187, 1477-85	16.6	746
59	The 55-kDa tumor necrosis factor receptor induces clustering of mitochondria through its membrane-proximal region. <i>Journal of Biological Chemistry</i> , 1998 , 273, 9673-80	5.4	131
58	A caspase-activated factor (CAF) induces mitochondrial membrane depolarization and cytochrome c release by a nonproteolytic mechanism. <i>Journal of Experimental Medicine</i> , 1998 , 188, 2193-8	16.6	32
57	Tumour necrosis factor induced autophagy and mitochondrial morphological abnormalities are mediated by TNFR-I and/or TNFR-II and do not invariably lead to cell death. <i>Biochemical Society Transactions</i> , 1998 , 26, S314	5.1	13
56	Cooperation of both TNF receptors in inducing apoptosis: involvement of the TNF receptor-associated factor binding domain of the TNF receptor 75. <i>Journal of Immunology</i> , 1998 , 161, 390-9	5.3	96
55	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> , 1997 , 272, 11694-7	5.4	115
54	Bactericidal/permeability-increasing protein release in whole blood ex vivo: strong induction by lipopolysaccharide and tumor necrosis factor-alpha. <i>Journal of Infectious Diseases</i> , 1997 , 175, 108-17	7	27
53	A20 inhibits NF-kappaB activation independently of binding to 14-3-3 proteins. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 238, 590-4	3.4	43
52	Differential role of calcium in tumour necrosis factor-mediated apoptosis and secretion of granulocyte-macrophage colony-stimulating factor in a T cell hybridoma. <i>Cytokine</i> , 1997 , 9, 631-8	4	21
51	Tumour necrosis factor-induced necrosis versus anti-Fas-induced apoptosis in L929 cells. <i>Cytokine</i> , 1997 , 9, 801-8	4	130
50	Characterization of seven murine caspase family members. <i>FEBS Letters</i> , 1997 , 403, 61-9	3.8	164
49	Differential involvement of caspases in apoptosis of myeloid leukemic cells induced by chemotherapy versus growth factor withdrawal. <i>FEBS Letters</i> , 1997 , 409, 207-10	3.8	26
48	Cell death induction by receptors of the TNF family: towards a molecular understanding. <i>FEBS Letters</i> , 1997 , 410, 96-106	3.8	184
47	Generation of dendritic cells from bone marrow progenitors using GM-CSF, TNF-alpha, and additional cytokines: antagonistic effects of IL-4 and IFN-gamma and selective involvement of TNF-alpha receptor-1. <i>Immunology</i> , 1997 , 91, 553-9	7.8	84
46	Cleavage of caspase family members by granzyme B: a comparative study in vitro. <i>European Journal of Immunology</i> , 1997 , 27, 1296-9	6.1	42
45	Methylprednisolone differentially regulates IL-10 and tumour necrosis factor (TNF) production during murine endotoxaemia. <i>Clinical and Experimental Immunology</i> , 1996 , 106, 91-6	6.2	35
44	Functional characterization of the prodomain of interleukin-1beta-converting enzyme. <i>Journal of Biological Chemistry</i> , 1996 , 271, 27245-8	5.4	30
43	Casein kinase-1 phosphorylates the p75 tumor necrosis factor receptor and negatively regulates tumor necrosis factor signaling for apoptosis. <i>Journal of Biological Chemistry</i> , 1995 , 270, 23293-9	5.4	66

42	Generation and biological characterization of membrane-bound, uncleavable murine tumor necrosis factor. <i>Journal of Biological Chemistry</i> , 1995 , 270, 18473-8	5.4	91
41	Cytotoxicity in L929 murine fibrosarcoma cells after triggering of transfected human p75 tumour necrosis factor (TNF) receptor is mediated by endogenous murine TNF. <i>Cytokine</i> , 1995 , 7, 463-70	4	43
40	Dimerization of chimeric erythropoietin/75 kDa tumour necrosis factor (TNF) receptors transduces TNF signals: necessity for the 75 kDa-TNF receptor transmembrane domain. <i>Cytokine</i> , 1995 , 7, 701-9	4	17
39	Two tumour necrosis factor receptors: structure and function. <i>Trends in Cell Biology</i> , 1995 , 5, 392-9	18.3	698
38	Both TNF receptors are required for TNF-mediated induction of apoptosis in PC60 cells. <i>Journal of Immunology</i> , 1995 , 154, 2904-13	5.3	118
37	TNF-induced intracellular signaling leading to gene induction or to cytotoxicity by necrosis or by apoptosis. <i>Journal of Inflammation</i> , 1995 , 47, 67-75		32
36	Dissociation of TNF-alpha cytotoxic and proinflammatory activities by p55 receptor- and p75 receptor-selective TNF-alpha mutants.. <i>EMBO Journal</i> , 1994 , 13, 843-850	13	108
35	Interleukin-10 controls interferon-gamma and tumor necrosis factor production during experimental endotoxemia. <i>European Journal of Immunology</i> , 1994 , 24, 1167-71	6.1	261
34	In vivo immunosuppression induced by a weakly mitogenic antibody to mouse CD3: evidence that induction of long-lasting in vivo unresponsiveness requires TcR signaling. <i>Cellular Immunology</i> , 1994 , 157, 239-48	4.4	5
33	Human tumor necrosis factor mutants with preferential binding to and activity on either the R55 or R75 receptor. <i>FEBS Journal</i> , 1994 , 220, 771-9		40
32	Functional requirement of the two TNF receptors for induction of apoptosis in PC60 cells and the role of mitochondria in TNF-induced cytotoxicity. <i>Circulatory Shock</i> , 1994 , 44, 196-200		7
31	Dissociation of TNF-alpha cytotoxic and proinflammatory activities by p55 receptor- and p75 receptor-selective TNF-alpha mutants. <i>EMBO Journal</i> , 1994 , 13, 843-50	13	33
30	Interleukin 10 reduces the release of tumor necrosis factor and prevents lethality in experimental endotoxemia. <i>Journal of Experimental Medicine</i> , 1993 , 177, 547-50	16.6	699
29	Evaluation of a vertical tube concept for RTP. <i>Materials Research Society Symposia Proceedings</i> , 1993 , 303, 165		
28	Two Pathways of Tumor Necrosis Factor Signal Transduction: In vitro and in vivo Implications 1993 , 58-65		
27	Two-step anneals to avoid bridging during Co silicidation. <i>Applied Surface Science</i> , 1993 , 73, 162-166	6.7	2
26	Human TNF mutants with selective activity on the p55 receptor. <i>Nature</i> , 1993 , 361, 266-9	50.4	158
25	Functional characterization of the human tumor necrosis factor receptor p75 in a transfected rat/mouse T cell hybridoma. <i>Journal of Experimental Medicine</i> , 1992 , 176, 1015-24	16.6	121

24	In situ emissivity measurements to probe the phase transformations during rapid thermal processing Co silicidation. <i>Applied Physics Letters</i> , 1992 , 61, 2296-2298	3.4	13
23	Evidence that pentoxifylline reduces anti-CD3 monoclonal antibody-induced cytokine release syndrome. <i>Transplantation</i> , 1991 , 52, 674-9	1.8	56
22	Temperature Control and Temperature Uniformity During Rapid Thermal Processing. <i>Materials Research Society Symposia Proceedings</i> , 1991 , 224, 185		12
21	Enzymatic degradation of tumor necrosis factor by activated human neutrophils: role of elastase. <i>Life Sciences</i> , 1991 , 49, 1879-86	6.8	28
20	Cytokine release syndrome induced by the 145-2C11 anti-CD3 monoclonal antibody in mice: prevention by high doses of methylprednisolone. <i>Journal of Immunology</i> , 1991 , 146, 1184-91	5.3	67
19	Temperature Non-Uniformities During Rapid Thermal Processing Of Patterned Wafers 1990 ,		9
18	IL-4 acts synergistically on the IL-2 response of an autoreactive T-cell clone; synergism correlates with increased intracellular IL-2, but not with a modified IL-2 receptor expression. <i>Cellular Immunology</i> , 1990 , 130, 79-91	4.4	1
17	Hypothermia and hypoglycemia induced by anti-CD3 monoclonal antibody in mice: role of tumor necrosis factor. <i>European Journal of Immunology</i> , 1990 , 20, 707-10	6.1	80
16	Persistence of anti-donor allohelper T cells after neonatal induction of allotolerance in mice. <i>European Journal of Immunology</i> , 1990 , 20, 1647-53	6.1	37
15	Development of a simple, sensitive and specific bioassay for interleukin-1 based on the proliferation of RPMI 1788 cells. Comparison with other bioassays for IL-1. <i>Journal of Immunological Methods</i> , 1990 , 135, 25-32	2.5	22
14	Response of murine cell lines to an IL-1/IL-2-induced factor in a rat/mouse T hybridoma (PC60): differential induction of cytokines by human IL-1 alpha and IL-1 beta and partial amino acid sequence of rat GM-CSF. <i>Lymphokine Research</i> , 1990 , 9, 381-9		7
13	Interleukin-6: Biological Function and Regulation of the Gene Expression in Vitro and in Vivo 1989 , 185-190		3
12	Interleukin 1 alpha acts as an autocrine growth factor for RPMI 1788, an Epstein-Barr virus-transformed human B cell line. <i>European Journal of Immunology</i> , 1988 , 18, 1027-31	6.1	21
11	B cell growth modulating and differentiating activity of recombinant human 26-kd protein (BSF-2, HulFN-beta 2, HPGF).. <i>EMBO Journal</i> , 1987 , 6, 1219-1224	13	160
10	A T cell clone which responds to interleukin 2 but not to interleukin 4. <i>European Journal of Immunology</i> , 1987 , 17, 579-80	6.1	28
9	Gene cloning and structure--function relationship of cytokines such as TNF and interleukins. <i>Immunology Letters</i> , 1987 , 16, 219-26	4.1	8
8	B cell growth modulating and differentiating activity of recombinant human 26-kd protein (BSF-2, HulFN-beta 2, HPGF). <i>EMBO Journal</i> , 1987 , 6, 1219-24	13	52
7	Recombinant interleukin 2 induces immunoglobulin secretion in Staphylococcus aureus Cowan strain I activated human B-cells. <i>Immunology Letters</i> , 1985 , 11, 101-5	4.1	5

6	Cell Death in the Skin323-332		3
5	Role of Mitochondrial Proteins in Apoptosis185-221		
4	In situ and micro-Raman spectroscopy for the identification of natural Sicilian zeolites. <i>Journal of Raman Spectroscopy</i> ,	2.3	1
3	Apoptosome and Caspase Activation1		
2	ADAR1 interaction with Z-RNA promotes editing of endogenous double-stranded RNA and prevents MDA5-dependent immune activation		2
1	In situ Raman spectroscopy for cultural heritage studies. <i>Journal of Raman Spectroscopy</i> ,	2.3	4