

Mauro Piacentini

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.

308 papers	38,815 citations	78 h-index	193 g-index
338 ext. papers	44,191 ext. citations	7.8 avg, IF	6.71 L-index

#	Paper	IF	Citations
308	AMBRA1 regulates mitophagy by interacting with ATAD3A and promoting PINK1 stability. <i>Autophagy</i> , 2021 , 1-11	10.2	2
307	Melanoma secretion of TGF β 2 leads to loss of epidermal AMBRA1 threatening epidermal integrity and facilitating tumour ulceration. <i>British Journal of Dermatology</i> , 2021 ,	4	1
306	GRAd-COV2, a gorilla adenovirus-based candidate vaccine against COVID-19, is safe and immunogenic in younger and older adults. <i>Science Translational Medicine</i> , 2021 , 14, eabj1996	17.5	3
305	HPV sensitizes OPSCC cells to cisplatin-induced apoptosis by inhibiting autophagy through E7-mediated degradation of AMBRA1. <i>Autophagy</i> , 2021 , 17, 2842-2855	10.2	7
304	Evidences for lipid involvement in SARS-CoV-2 cytopathogenesis. <i>Cell Death and Disease</i> , 2021 , 12, 263	9.8	28
303	Pharmacological Modulators of Autophagy as a Potential Strategy for the Treatment of COVID-19. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	10
302	High Levels of TRIM5 α Are Associated with Xenophagy in HIV-1-Infected Long-Term Nonprogressors. <i>Cells</i> , 2021 , 10,	7.9	2
301	Transglutaminase 2 Regulates Innate Immunity by Modulating the STING/TBK1/IRF3 Axis. <i>Journal of Immunology</i> , 2021 , 206, 2420-2429	5.3	2
300	Proteomic analysis identifies the RNA helicase DDX3X as a host target against SARS-CoV-2 infection. <i>Antiviral Research</i> , 2021 , 190, 105064	10.8	12
299	Transglutaminase Type 2 regulates the Wnt/ β -catenin pathway in vertebrates. <i>Cell Death and Disease</i> , 2021 , 12, 249	9.8	2
298	Global mapping of cancers: The Cancer Genome Atlas and beyond. <i>Molecular Oncology</i> , 2021 , 15, 2823-2840	10.8	10
297	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021 , 40, e108863	13	79
296	Overexpression of β -synuclein inhibits mitochondrial Ca trafficking between the endoplasmic reticulum and mitochondria through MAMs by altering the GRP75-IP3R interaction. <i>Journal of Neuroscience Research</i> , 2021 , 99, 2932-2947	4.4	6
295	Cysteamine with In Vitro Antiviral Activity and Immunomodulatory Effects Has the Potential to Be a Repurposing Drug Candidate for COVID-19 Therapy.. <i>Cells</i> , 2021 , 11,	7.9	1
294	Liquid biopsies and cancer omics. <i>Cell Death Discovery</i> , 2020 , 6, 131	6.9	25
293	Transglutaminase Type 2 is Involved in the Hematopoietic Stem Cells Homeostasis. <i>Biochemistry (Moscow)</i> , 2020 , 85, 1159-1168	2.9	1
292	Expansion of myeloid-derived suppressor cells in patients with severe coronavirus disease (COVID-19). <i>Cell Death and Differentiation</i> , 2020 , 27, 3196-3207	12.7	115

291	COVID-19 infection: the China and Italy perspectives. <i>Cell Death and Disease</i> , 2020 , 11, 438	9.8	49
290	Regulation of Autophagy in Cells Infected With Oncogenic Human Viruses and Its Impact on Cancer Development. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 47	5.7	18
289	Effective Synergy of Sorafenib and Nutrient Shortage in Inducing Melanoma Cell Death through Energy Stress. <i>Cells</i> , 2020 , 9,	7.9	5
288	Mitochondrial Interactome: A Focus on Antiviral Signaling Pathways. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 8	5.7	41
287	TRIM proteins in autophagy: selective sensors in cell damage and innate immune responses. <i>Cell Death and Differentiation</i> , 2020 , 27, 887-902	12.7	40
286	Cancer predictive studies. <i>Biology Direct</i> , 2020 , 15, 18	7.2	23
285	Ferroptosis: a new unexpected chance to treat metastatic melanoma?. <i>Cell Cycle</i> , 2020 , 19, 2411-2425	4.7	9
284	Immune responses during COVID-19 infection. <i>OncolImmunology</i> , 2020 , 9, 1807836	7.2	49
283	Postmortem Findings in Italian Patients With COVID-19: A Descriptive Full Autopsy Study of Cases With and Without Comorbidities. <i>Journal of Infectious Diseases</i> , 2020 , 222, 1807-1815	7	97
282	On-target versus off-target effects of drugs inhibiting the replication of SARS-CoV-2. <i>Cell Death and Disease</i> , 2020 , 11, 656	9.8	24
281	Celiac disease TG2 autoantibodies development: it takes two to tango. <i>Cell Death and Disease</i> , 2020 , 11, 229	9.8	1
280	HIV-1 Envelope Overcomes NLRP3-Mediated Inhibition of F-Actin Polymerization for Viral Entry. <i>Cell Reports</i> , 2019 , 28, 3381-3394.e7	10.6	10
279	Liver sinusoidal endothelial cells (LSECs) modifications in patients with chronic hepatitis C. <i>Scientific Reports</i> , 2019 , 9, 8760	4.9	19
278	A TRIM32-AMBRA1-ULK1 complex initiates the autophagy response in atrophic muscle cells. <i>Autophagy</i> , 2019 , 15, 1674-1676	10.2	14
277	Autophagy induction in atrophic muscle cells requires ULK1 activation by TRIM32 through unanchored K63-linked polyubiquitin chains. <i>Science Advances</i> , 2019 , 5, eaau8857	14.3	45
276	Autophagy suppresses the pathogenic immune response to dietary antigens in cystic fibrosis. <i>Cell Death and Disease</i> , 2019 , 10, 258	9.8	13
275	Defective proteostasis in celiac disease as a new therapeutic target. <i>Cell Death and Disease</i> , 2019 , 10, 114	9.8	10
274	Inhibition of Transglutaminase 2 as a Potential Host-Directed Therapy Against. <i>Frontiers in Immunology</i> , 2019 , 10, 3042	8.4	4

273	Transglutaminase type 2 in the regulation of proteostasis. <i>Biological Chemistry</i> , 2019 , 400, 125-140	4.5	12
272	Negative Regulation of Mitochondrial Antiviral Signaling Protein-Mediated Antiviral Signaling by the Mitochondrial Protein LRPPRC During Hepatitis C Virus Infection. <i>Hepatology</i> , 2019 , 69, 34-50	11.2	24
271	Lysine-specific post-translational modifications of proteins in the life cycle of viruses. <i>Cell Cycle</i> , 2019 , 18, 1995-2005	4.7	9
270	The Impact of Mevastatin on HCV Replication and Autophagy of Non-Transformed HCV Replicon Hepatocytes Is Influenced by the Extracellular Lipid Uptake. <i>Frontiers in Pharmacology</i> , 2019 , 10, 718	5.6	4
269	Genistein antagonizes gliadin-induced CFTR malfunction in models of celiac disease. <i>Aging</i> , 2019 , 11, 2003-2019	5.6	6
268	Cystic fibrosis transmembrane conductance regulator (CFTR) and autophagy: hereditary defects in cystic fibrosis gluten-mediated inhibition in celiac disease. <i>Oncotarget</i> , 2019 , 10, 4492-4500	3.3	8
267	Aldo-keto reductases protect metastatic melanoma from ER stress-independent ferroptosis. <i>Cell Death and Disease</i> , 2019 , 10, 902	9.8	46
266	A pathogenic role for cystic fibrosis transmembrane conductance regulator in celiac disease. <i>EMBO Journal</i> , 2019 , 38,	13	30
265	Ecto-Calreticulin is essential for an efficient immunogenic cell death stimulation in mouse melanoma. <i>Genes and Immunity</i> , 2019 , 20, 509-513	4.4	7
264	Non-alcoholic fatty liver disease severity is modulated by transglutaminase type 2. <i>Cell Death and Disease</i> , 2018 , 9, 257	9.8	20
263	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
262	TG2 regulates the heat-shock response by the post-translational modification of HSF1. <i>EMBO Reports</i> , 2018 , 19,	6.5	20
261	Anticancer chemotherapy and radiotherapy trigger both non-cell-autonomous and cell-autonomous death. <i>Cell Death and Disease</i> , 2018 , 9, 716	9.8	21
260	Transglutaminase type 2 plays a key role in the pathogenesis of Mycobacterium tuberculosis infection. <i>Journal of Internal Medicine</i> , 2018 , 283, 303-313	10.8	11
259	Transglutaminase Type 2 Regulates ER-Mitochondria Contact Sites by Interacting with GRP75. <i>Cell Reports</i> , 2018 , 25, 3573-3581.e4	10.6	61
258	The biological basis and clinical symptoms of CAR-T therapy-associated toxicities. <i>Cell Death and Disease</i> , 2018 , 9, 897	9.8	59
257	PKR and GCN2 stress kinases promote an ER stress-independent eIF2 γ phosphorylation responsible for calreticulin exposure in melanoma cells. <i>Oncotarget</i> , 2018 , 9, e1466765	7.2	24
256	Role of autophagy in HIV infection and pathogenesis. <i>Journal of Internal Medicine</i> , 2017 , 281, 422-432	10.8	45

255	Control of Mitochondrial Remodeling by the ATPase Inhibitory Factor 1 Unveils a Pro-survival Relay via OPA1. <i>Cell Reports</i> , 2017 , 18, 1869-1883	10.6	50
254	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017 , 36, 1811-1836	13	857
253	Assessing the Catalytic Activity of Transglutaminases in the Context of Autophagic Responses. <i>Methods in Enzymology</i> , 2017 , 587, 511-520	1.7	3
252	Iron overload down-regulates the expression of the HIV-1 Rev cofactor eIF5A in infected T lymphocytes. <i>Proteome Science</i> , 2017 , 15, 18	2.6	7
251	Emerging Mechanisms in Initiating and Terminating Autophagy. <i>Trends in Biochemical Sciences</i> , 2017 , 42, 28-41	10.3	151
250	Fasting boosts sensitivity of human skin melanoma to cisplatin-induced cell death. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 485, 16-22	3.4	17
249	Endoplasmic Reticulum Stress, Unfolded Protein Response, and Cancer Cell Fate. <i>Frontiers in Oncology</i> , 2017 , 7, 78	5.3	155
248	Glutamate induces autophagy via the two-pore channels in neural cells. <i>Oncotarget</i> , 2017 , 8, 12730-12740	3.3	36
247	A tribute to Carmine Melino. <i>Annali Di Igiene: Medicina Preventiva E Di Comunita</i> , 2017 , 29, 384-385	0.9	
246	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
245	Temporal regulation of autophagy response by the CULLIN 4-AMBRA1-CULLIN 5 axis. <i>Molecular and Cellular Oncology</i> , 2016 , 3, e1008304	1.2	4
244	Histological and proteomic profile of diabetic versus non-diabetic dilated cardiomyopathy. <i>International Journal of Cardiology</i> , 2016 , 203, 282-9	3.2	12
243	Induction of autophagy promotes the growth of early preneoplastic rat liver nodules. <i>Oncotarget</i> , 2016 , 7, 5788-99	3.3	31
242	Extracellular Matrix Molecular Remodeling in Human Liver Fibrosis Evolution. <i>PLoS ONE</i> , 2016 , 11, e0151736	3.7	120
241	Longitudinal characterization of dysfunctional T cell-activation during human acute Ebola infection. <i>Cell Death and Disease</i> , 2016 , 7, e2164	9.8	38
240	Transglutaminase type 2-dependent selective recruitment of proteins into exosomes under stressful cellular conditions. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016 , 1863, 2084-92	4.9	29
239	Molecular mechanisms of hepatitis C virus-induced hepatocellular carcinoma. <i>Clinical Microbiology and Infection</i> , 2016 , 22, 853-861	9.5	85
238	Reticulon protein-1C is a key component of MAMs. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015 , 1853, 733-45	4.9	10

237	Autophagy in malignant transformation and cancer progression. <i>EMBO Journal</i> , 2015 , 34, 856-80	13	801
236	Fateful music from a talented orchestra with a wicked conductor: Connection between oncogenic BRAF, ER stress, and autophagy in human melanoma. <i>Molecular and Cellular Oncology</i> , 2015 , 2, e995016	1.2	13
235	Different profiles of apoptosis and activation in children with progressive or static HIV-related encephalopathy. <i>Journal of Pediatric Infectious Diseases</i> , 2015 , 04, 367-373	0.4	
234	Syncytial apoptosis signaling network induced by the HIV-1 envelope glycoprotein complex: an overview. <i>Cell Death and Disease</i> , 2015 , 6, e1846	9.8	15
233	AMBRA1 is able to induce mitophagy via LC3 binding, regardless of PARKIN and p62/SQSTM1. <i>Cell Death and Differentiation</i> , 2015 , 22, 419-32	12.7	193
232	AMBRA1 links autophagy to cell proliferation and tumorigenesis by promoting c-Myc dephosphorylation and degradation. <i>Nature Cell Biology</i> , 2015 , 17, 20-30	23.4	135
231	Oncogenic BRAF induces chronic ER stress condition resulting in increased basal autophagy and apoptotic resistance of cutaneous melanoma. <i>Cell Death and Differentiation</i> , 2015 , 22, 946-58	12.7	92
230	Transglutaminase 2 ablation leads to mitophagy impairment associated with a metabolic shift towards aerobic glycolysis. <i>Cell Death and Differentiation</i> , 2015 , 22, 408-18	12.7	36
229	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
228	P0306 : Impairment of autophagy in the early stages of hepatocarcinogenesis. <i>Journal of Hepatology</i> , 2015 , 62, S423	13.4	
227	The Role of Transglutaminase Type 2 in the Regulation of Autophagy 2015 , 171-191		
226	AMBRA1 and SQSTM1 expression pattern in prostate cancer. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015 , 20, 1577-86	5.4	20
225	Dying to survive - apoptosis, necroptosis, autophagy as supreme experiments of nature. <i>International Journal of Developmental Biology</i> , 2015 , 59, 5-9	1.9	9
224	The transglutaminase type 2 and pyruvate kinase isoenzyme M2 interplay in autophagy regulation. <i>Oncotarget</i> , 2015 , 6, 44941-54	3.3	19
223	AMBRA1-regulated autophagy in vertebrate development. <i>International Journal of Developmental Biology</i> , 2015 , 59, 109-17	1.9	10
222	Molecular mechanisms of Ebola virus pathogenesis: focus on cell death. <i>Cell Death and Differentiation</i> , 2015 , 22, 1250-9	12.7	88
221	Interaction between AIF and CHCHD4 Regulates Respiratory Chain Biogenesis. <i>Molecular Cell</i> , 2015 , 58, 1001-14	17.6	124
220	Downregulation of E2F1 during ER stress is required to induce apoptosis. <i>Journal of Cell Science</i> , 2015 , 128, 1166-79	5.3	33

219	Type 2 Transglutaminase, mitochondria and Huntington's disease: menage a trois. <i>Mitochondrion</i> , 2014 , 19 Pt A, 97-104	4.9	15
218	Expression of Ambra1 in mouse brain during physiological and Alzheimer type aging. <i>Neurobiology of Aging</i> , 2014 , 35, 96-108	5.6	28
217	Impaired autophagic flux is associated with increased endoplasmic reticulum stress during the development of NAFLD. <i>Cell Death and Disease</i> , 2014 , 5, e1179	9.8	325
216	AMBRA1 interplay with cullin E3 ubiquitin ligases regulates autophagy dynamics. <i>Developmental Cell</i> , 2014 , 31, 734-46	10.2	103
215	Transglutaminase type 2: A multifunctional protein chaperone?. <i>Molecular and Cellular Oncology</i> , 2014 , 1, e968506	1.2	6
214	The Fragile X Protein binds mRNA s involved in cancer progression and modulates metastasis formation. <i>EMBO Molecular Medicine</i> , 2014 , 6, 567-568	12	78
213	Characterization of distinct sub-cellular location of transglutaminase type II: changes in intracellular distribution in physiological and pathological states. <i>Cell and Tissue Research</i> , 2014 , 358, 793-805	4.2	27
212	The spermidine analogue GC7 (N1-guanyl-1,7-diamineoheptane) induces autophagy through a mechanism not involving the hypusination of eIF5A. <i>Amino Acids</i> , 2014 , 46, 2767-76	3.5	14
211	Autophagy plays an important role in the containment of HIV-1 in nonprogressor-infected patients. <i>Autophagy</i> , 2014 , 10, 1167-78	10.2	59
210	Why is autophagy important for melanoma? Molecular mechanisms and therapeutic implications. <i>Seminars in Cancer Biology</i> , 2013 , 23, 337-43	12.7	40
209	Ambra1 at the crossroad between autophagy and cell death. <i>Oncogene</i> , 2013 , 32, 3311-8	9.2	68
208	Applying proteomic technology to clinical virology. <i>Clinical Microbiology and Infection</i> , 2013 , 19, 23-28	9.5	9
207	Ambra1 knockdown in zebrafish leads to incomplete development due to severe defects in organogenesis. <i>Autophagy</i> , 2013 , 9, 476-95	10.2	42
206	Autophagy in Mycobacterium tuberculosis infection: a passepartout to flush the intruder out?. <i>Cytokine and Growth Factor Reviews</i> , 2013 , 24, 335-43	17.9	26
205	mTOR inhibits autophagy by controlling ULK1 ubiquitylation, self-association and function through AMBRA1 and TRAF6. <i>Nature Cell Biology</i> , 2013 , 15, 406-16	23.4	522
204	Telavancin and daptomycin activity against meticillin-resistant Staphylococcus aureus strains after vancomycin-resistance selection in vitro. <i>Journal of Medical Microbiology</i> , 2013 , 62, 1101-1102	3.2	1
203	Interplay between autophagy and apoptosis in the development of Danio rerio follicles and the effects of a probiotic. <i>Reproduction, Fertility and Development</i> , 2013 , 25, 1115-25	1.8	43
202	The fragile X protein binds mRNAs involved in cancer progression and modulates metastasis formation. <i>EMBO Molecular Medicine</i> , 2013 , 5, 1523-36	12	78

201	Caspase-2 promotes cytoskeleton protein degradation during apoptotic cell death. <i>Cell Death and Disease</i> , 2013 , 4, e940	9.8	15
200	Reticulon1-C modulates protein disulphide isomerase function. <i>Cell Death and Disease</i> , 2013 , 4, e581	9.8	21
199	A New Transgenic Mouse Model for Studying the Neurotoxicity of Spermine Oxidase Dosage in the Response to Excitotoxic Injury. <i>PLoS ONE</i> , 2013 , 8, e64810	3.7	33
198	The reticulons: guardians of the structure and function of the endoplasmic reticulum. <i>Experimental Cell Research</i> , 2012 , 318, 1201-7	4.2	22
197	Type 2 transglutaminase is involved in the autophagy-dependent clearance of ubiquitinated proteins. <i>Cell Death and Differentiation</i> , 2012 , 19, 1228-38	12.7	49
196	Liver protein profiling in chronic hepatitis C: identification of potential predictive markers for interferon therapy outcome. <i>Journal of Proteome Research</i> , 2012 , 11, 717-27	5.6	16
195	Beclin1: a role in membrane dynamics and beyond. <i>Autophagy</i> , 2012 , 8, 6-17	10.2	222
194	An immunosurveillance mechanism controls cancer cell ploidy. <i>Science</i> , 2012 , 337, 1678-84	33.3	299
193	ESX-1 dependent impairment of autophagic flux by Mycobacterium tuberculosis in human dendritic cells. <i>Autophagy</i> , 2012 , 8, 1357-70	10.2	195
192	Toxic effects of expanded ataxin-1 involve mechanical instability of the nuclear membrane. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012 , 1822, 906-17	6.9	11
191	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544	10.2	2783
190	Autophagy protects cells from HCV-induced defects in lipid metabolism. <i>Gastroenterology</i> , 2012 , 142, 644-653.e3	13.3	57
189	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
188	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
187	TG2 transamidating activity acts as a reostat controlling the interplay between apoptosis and autophagy. <i>Amino Acids</i> , 2012 , 42, 1793-802	3.5	37
186	Dismantling the autophagic arsenal when it is time to die: concerted AMBRA1 degradation by caspases and calpains. <i>Autophagy</i> , 2012 , 8, 1255-7	10.2	14
185	Specific T cells restore the autophagic flux inhibited by Mycobacterium tuberculosis in human primary macrophages. <i>Journal of Infectious Diseases</i> , 2012 , 205, 1425-35	7	37
184	Reticulon Protein-1C: A New Hope in the Treatment of Different Neuronal Diseases. <i>International Journal of Cell Biology</i> , 2012 , 2012, 651805	2.6	8

183	Mitochondrial BCL-2 inhibits AMBRA1-induced autophagy. <i>EMBO Journal</i> , 2011 , 30, 1195-208	13	171
182	Plasmodium falciparum liver stage antigen-1 is cross-linked by tissue transglutaminase. <i>Malaria Journal</i> , 2011 , 10, 14	3.6	7
181	Role and predictive strength of transglutaminase type 2 expression in premalignant lesions of the cervix. <i>Modern Pathology</i> , 2011 , 24, 855-65	9.8	7
180	Transglutaminase 2 at the crossroads between cell death and survival. <i>Advances in Enzymology and Related Areas of Molecular Biology</i> , 2011 , 78, 197-246		18
179	Oncogenic B-RAF signaling in melanoma impairs the therapeutic advantage of autophagy inhibition. <i>Clinical Cancer Research</i> , 2011 , 17, 2216-26	12.9	53
178	Nicotinic acid adenine dinucleotide phosphate (NAADP) regulates autophagy in cultured astrocytes. <i>Journal of Biological Chemistry</i> , 2011 , 286, 27875-81	5.4	95
177	Unleashing the Ambra1-Beclin 1 complex from dynein chains: Ulk1 sets Ambra1 free to induce autophagy. <i>Autophagy</i> , 2011 , 7, 115-7	10.2	42
176	Extracellular ATP acts on P2Y2 purinergic receptors to facilitate HIV-1 infection. <i>Journal of Experimental Medicine</i> , 2011 , 208, 1823-34	16.6	123
175	Type 2 transglutaminase in Huntington's disease: a double-edged sword with clinical potential. <i>Journal of Internal Medicine</i> , 2010 , 268, 419-31	10.8	26
174	53BP1 represses mitotic catastrophe in syncytia elicited by the HIV-1 envelope. <i>Cell Death and Differentiation</i> , 2010 , 17, 811-20	12.7	12
173	A brain-specific isoform of mitochondrial apoptosis-inducing factor: AIF2. <i>Cell Death and Differentiation</i> , 2010 , 17, 1155-66	12.7	23
172	The dynamic interaction of AMBRA1 with the dynein motor complex regulates mammalian autophagy. <i>Journal of Cell Biology</i> , 2010 , 191, 155-68	7.3	364
171	Characterization of transglutaminase type II role in dendritic cell differentiation and function. <i>Journal of Leukocyte Biology</i> , 2010 , 88, 181-8	6.5	27
170	Proteomic analysis of mitochondrial dysfunction in neurodegenerative diseases. <i>Expert Review of Proteomics</i> , 2010 , 7, 519-42	4.2	23
169	FC2 Oncogenic B-RAF signalling confers the resistance of metastatic melanoma to autophagy. <i>Melanoma Research</i> , 2010 , 20, e29	3.3	
168	Proteomic analysis identifies prohibitin down-regulation as a crucial event in the mitochondrial damage observed in HIV-infected patients. <i>Antiviral Therapy</i> , 2010 , 15, 377-90	1.6	16
167	Regulation of autophagy in mammals and its interplay with apoptosis. <i>Cellular and Molecular Life Sciences</i> , 2010 , 67, 1581-8	10.3	159
166	Characterization of gene expression induced by RTN-1C in human neuroblastoma cells and in mouse brain. <i>Neurobiology of Disease</i> , 2010 , 40, 634-44	7.5	6

165	Pro-apoptotic function of checkpoint kinase-2 in syncytia elicited by the HIV-1 envelope. <i>Cell Cycle</i> , 2009 , 8, 438-42	4.7	6
164	Transglutaminase 2 is involved in autophagosome maturation. <i>Autophagy</i> , 2009 , 5, 1145-54	10.2	80
163	Cannabinoid action induces autophagy-mediated cell death through stimulation of ER stress in human glioma cells. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1359-72	15.9	500
162	In vivo evaluation of type 2 transglutaminase contribution to the metastasis formation in melanoma. <i>Amino Acids</i> , 2009 , 36, 717-24	3.5	21
161	New insights on the role of apoptosis and autophagy in HIV pathogenesis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009 , 14, 501-8	5.4	52
160	Analysis of the periplasmic proteome of <i>Pseudomonas aeruginosa</i> , a metabolically versatile opportunistic pathogen. <i>Proteomics</i> , 2009 , 9, 1901-15	4.8	65
159	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
158	The tumor suppressor protein PML controls apoptosis induced by the HIV-1 envelope. <i>Cell Death and Differentiation</i> , 2009 , 16, 298-311	12.7	16
157	The adenine nucleotide translocator 1 acts as a type 2 transglutaminase substrate: implications for mitochondrial-dependent apoptosis. <i>Cell Death and Differentiation</i> , 2009 , 16, 1480-92	12.7	54
156	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
155	Acetylation of RTN-1C regulates the induction of ER stress by the inhibition of HDAC activity in neuroectodermal tumors. <i>Oncogene</i> , 2009 , 28, 3814-24	9.2	32
154	The involvement of cell death and survival in neural tube defects: a distinct role for apoptosis and autophagy?. <i>Cell Death and Differentiation</i> , 2008 , 15, 1170-7	12.7	46
153	Reduction of endoplasmic reticulum Ca ²⁺ levels favors plasma membrane surface exposure of calreticulin. <i>Cell Death and Differentiation</i> , 2008 , 15, 274-82	12.7	96
152	The co-translocation of ERp57 and calreticulin determines the immunogenicity of cell death. <i>Cell Death and Differentiation</i> , 2008 , 15, 1499-509	12.7	253
151	Transglutaminase type II is involved in the pathogenesis of endotoxic shock. <i>Journal of Immunology</i> , 2008 , 180, 2616-24	5.3	59
150	More than two sides of a coin? How to detect the multiple activities of type 2 transglutaminase. <i>Methods in Enzymology</i> , 2008 , 442, 201-12	1.7	2
149	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008 , 4, 151-75	10.2	1920
148	Increasing melanoma cell death using inhibitors of protein disulfide isomerases to abrogate survival responses to endoplasmic reticulum stress. <i>Cancer Research</i> , 2008 , 68, 5363-9	10.1	142

147	Xeno-cannibalism as an exacerbation of self-cannibalism: a possible fruitful survival strategy for cancer cells. <i>Current Pharmaceutical Design</i> , 2008 , 14, 245-52	3.3	43
146	Type 2 Transglutaminase in Neurodegenerative Diseases: The Mitochondrial Connection. <i>Current Pharmaceutical Design</i> , 2008 , 14, 278-288	3.3	28
145	Fenretinide induces autophagic cell death in caspase-defective breast cancer cells. <i>Autophagy</i> , 2008 , 4, 435-41	10.2	57
144	Cell death and autophagy: cytokines, drugs, and nutritional factors. <i>Toxicology</i> , 2008 , 254, 147-57	4.4	103
143	Critical involvement of the ATM-dependent DNA damage response in the apoptotic demise of HIV-1-elicited syncytia. <i>PLoS ONE</i> , 2008 , 3, e2458	3.7	32
142	Type 2 transglutaminase in neurodegenerative diseases: the mitochondrial connection. <i>Current Pharmaceutical Design</i> , 2008 , 14, 278-88	3.3	10
141	Proteomic analysis of human very low-density lipoprotein by two-dimensional gel electrophoresis and MALDI-TOF/TOF. <i>Proteomics</i> , 2007 , 7, 143-54	4.8	40
140	Calreticulin exposure dictates the immunogenicity of cancer cell death. <i>Nature Medicine</i> , 2007 , 13, 54-61	50.5	2026
139	Targeting homeostatic mechanisms of endoplasmic reticulum stress to increase susceptibility of cancer cells to fenretinide-induced apoptosis: the role of stress proteins ERdj5 and ERp57. <i>British Journal of Cancer</i> , 2007 , 96, 1062-71	8.7	96
138	Ambra1 regulates autophagy and development of the nervous system. <i>Nature</i> , 2007 , 447, 1121-5	50.4	772
137	Transglutaminase 2 ablation leads to defective function of mitochondrial respiratory complex I affecting neuronal vulnerability in experimental models of extrapyramidal disorders. <i>Journal of Neurochemistry</i> , 2007 , 100, 36-49	6	50
136	Reticulon-1C acts as a molecular switch between endoplasmic reticulum stress and genotoxic cell death pathway in human neuroblastoma cells. <i>Journal of Neurochemistry</i> , 2007 , 102, 345-53	6	36
135	Xeno-cannibalism: a survival "escamotage". <i>Autophagy</i> , 2007 , 3, 75-7	10.2	19
134	A novel role for autophagy in neurodevelopment. <i>Autophagy</i> , 2007 , 3, 506-8	10.2	48
133	Endoplasmic reticulum stress induces apoptosis by an apoptosome-dependent but caspase 12-independent mechanism. <i>Journal of Biological Chemistry</i> , 2006 , 281, 2693-700	5.4	95
132	"Tissue" transglutaminase contributes to the formation of disulphide bridges in proteins of mitochondrial respiratory complexes. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2006 , 1757, 1357-65	4.6	60
131	Cloning, expression, and preliminary structural characterization of RTN-1C. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 342, 881-6	3.4	3
130	Genotype-dependent priming to self- and xeno-cannibalism in heterozygous and homozygous lymphoblasts from patients with Huntington's disease. <i>Journal of Neurochemistry</i> , 2006 , 98, 1090-9	6	28

129	Tissue transglutaminase (TG2) protects cardiomyocytes against ischemia/reperfusion injury by regulating ATP synthesis. <i>Cell Death and Differentiation</i> , 2006 , 13, 1827-9	12.7	49
128	ATP-binding cassette transporter 1 and transglutaminase 2 act on the same genetic pathway in the apoptotic cell clearance. <i>Cell Death and Differentiation</i> , 2006 , 13, 1998-2001	12.7	6
127	Bcl-2 inhibits the caspase-dependent apoptosis induced by SARS-CoV without affecting virus replication kinetics. <i>Archives of Virology</i> , 2006 , 151, 369-77	2.6	33
126	Type 2 transglutaminase and cell death. <i>Progress in Experimental Tumor Research</i> , 2005 , 38, 58-74		25
125	Fenretinide: a p53-independent way to kill cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 331, 810-5	3.4	39
124	p53-A pro-apoptotic signal transducer involved in AIDS. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 331, 701-6	3.4	25
123	The role of gangliosides in fenretinide-induced apoptosis of neuroblastoma. <i>Cancer Letters</i> , 2005 , 228, 105-10	9.9	21
122	Characterization of cell death pathways in human immunodeficiency virus-associated encephalitis. <i>American Journal of Pathology</i> , 2005 , 167, 695-704	5.8	31
121	Mechanisms of apoptosis induction by the HIV-1 envelope. <i>Cell Death and Differentiation</i> , 2005 , 12 Suppl 1, 916-23	12.7	119
120	Cell death mechanisms in HIV-associated dementia: the involvement of syncytia. <i>Cell Death and Differentiation</i> , 2005 , 12 Suppl 1, 855-8	12.7	16
119	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
118	Transglutaminase type II is a key element in the regulation of the anti-inflammatory response elicited by apoptotic cell engulfment. <i>Journal of Immunology</i> , 2005 , 174, 7330-40	5.3	65
117	Essential role of p53 phosphorylation by p38 MAPK in apoptosis induction by the HIV-1 envelope. <i>Journal of Experimental Medicine</i> , 2005 , 201, 279-89	16.6	135
116	NF-kappaB and p53 are the dominant apoptosis-inducing transcription factors elicited by the HIV-1 envelope. <i>Journal of Experimental Medicine</i> , 2004 , 199, 629-40	16.6	102
115	Conventional protein kinase C inhibition prevents alpha interferon-mediated hepatitis C virus replicon clearance by impairing STAT activation. <i>Journal of Virology</i> , 2004 , 78, 12809-16	6.6	19
114	Tissue transglutaminase is a multifunctional BH3-only protein. <i>Journal of Biological Chemistry</i> , 2004 , 279, 54783-92	5.4	78
113	Gangliosides link the acidic sphingomyelinase-mediated induction of ceramide to 12-lipoxygenase-dependent apoptosis of neuroblastoma in response to fenretinide. <i>Journal of the National Cancer Institute</i> , 2004 , 96, 1288-99	9.7	82
112	AIF deficiency compromises oxidative phosphorylation. <i>EMBO Journal</i> , 2004 , 23, 4679-89	13	522

111	Molecular mechanisms of fenretinide-induced apoptosis of neuroblastoma cells. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1028, 81-9	6.5	38
110	Expression of apoptosis-related proteins in rat with induced colitis. <i>International Journal of Colorectal Disease</i> , 2004 , 19, 451-60	3	10
109	The transglutaminase family: an overview: minireview article. <i>Amino Acids</i> , 2004 , 26, 367-72	3.5	66
108	Murine hepatocyte cell lines promote expansion and differentiation of NK cells from stem cell precursors. <i>Hepatology</i> , 2004 , 39, 1508-16	11.2	15
107	Transglutaminase 2-/- mice reveal a phagocytosis-associated crosstalk between macrophages and apoptotic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 7812-7	11.5	215
106	Growth and DNA damage-inducible transcription factor 153 mediates apoptosis in response to fenretinide but not synergy between fenretinide and chemotherapeutic drugs in neuroblastoma. <i>Molecular Pharmacology</i> , 2003 , 64, 1370-8	4.3	18
105	Mitochondrial apoptosis induced by the HIV-1 envelope. <i>Annals of the New York Academy of Sciences</i> , 2003 , 1010, 19-28	6.5	36
104	Mechanisms of free-radical induction in relation to fenretinide-induced apoptosis of neuroblastoma. <i>Journal of Cellular Biochemistry</i> , 2003 , 89, 698-708	4.7	32
103	Trying to catch the HCV virus in its 'battle field'. <i>Cell Death and Differentiation</i> , 2003 , 10 Suppl 1, S77-8	12.7	0
102	Tissue transglutaminase in HCV infection. <i>Cell Death and Differentiation</i> , 2003 , 10 Suppl 1, S79-80	12.7	10
101	Does prothymosin-alpha act as molecular switch between apoptosis and autophagy?. <i>Cell Death and Differentiation</i> , 2003 , 10, 937-9	12.7	19
100	Transglutaminase type II plays a protective role in hepatic injury. <i>American Journal of Pathology</i> , 2003 , 162, 1293-303	5.8	64
99	Neuroleukin inhibition sensitises neuronal cells to caspase-dependent apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 302, 448-53	3.4	18
98	Induction of GADD153 and Bak: novel molecular targets of fenretinide-induced apoptosis of neuroblastoma. <i>Cancer Letters</i> , 2003 , 197, 157-63	9.9	19
97	Glucosylceramide synthase and its functional interaction with RTN-1C regulate chemotherapeutic-induced apoptosis in neuroepithelioma cells. <i>Cancer Research</i> , 2003 , 63, 3860-5	10.1	41
96	Bak: a downstream mediator of fenretinide-induced apoptosis of SH-SY5Y neuroblastoma cells. <i>Cancer Research</i> , 2003 , 63, 7310-3	10.1	24
95	"Tissue" transglutaminase in AIDS. <i>Journal of Immunological Methods</i> , 2002 , 265, 145-59	2.5	11
94	Transglutaminase 2: an enigmatic enzyme with diverse functions. <i>Trends in Biochemical Sciences</i> , 2002 , 27, 534-9	10.3	477

93	Transglutaminase overexpression sensitizes neuronal cell lines to apoptosis by increasing mitochondrial membrane potential and cellular oxidative stress. <i>Journal of Neurochemistry</i> , 2002 , 81, 1061-72	6	100
92	Antisense to glucosylceramide synthase in human neuroepithelioma affects cell growth but not apoptosis. <i>Cell Death and Differentiation</i> , 2002 , 9, 693-5	12.7	17
91	'Tissue' transglutaminase ablation reduces neuronal death and prolongs survival in a mouse model of Huntington's disease. <i>Cell Death and Differentiation</i> , 2002 , 9, 873-80	12.7	189
90	Synergy between truncated c-Met (cyto-Met) and c-Myc in liver oncogenesis: importance of TGF-beta signalling in the control of liver homeostasis and transformation. <i>Oncogene</i> , 2002 , 21, 1335-45	9.2	18
89	Sequential involvement of Cdk1, mTOR and p53 in apoptosis induced by the HIV-1 envelope. <i>EMBO Journal</i> , 2002 , 21, 4070-80	13	116
88	GADD153 and 12-lipoxygenase mediate fenretinide-induced apoptosis of neuroblastoma. <i>Cancer Research</i> , 2002 , 62, 5158-67	10.1	56
87	Transglutaminase Expression in HIV-Infected Cells. <i>Annals of the New York Academy of Sciences</i> , 2001 , 946, 108-120	6.5	17
86	Presence of anti-"tissue" transglutaminase antibodies in inflammatory intestinal diseases: an apoptosis-associated event?. <i>Cell Death and Differentiation</i> , 2001 , 8, 767-70	12.7	34
85	Human immunodeficiency virus 1 envelope glycoprotein complex-induced apoptosis involves mammalian target of rapamycin/FKBP12- <i>rapamycin</i> -associated protein-mediated p53 phosphorylation. <i>Journal of Experimental Medicine</i> , 2001 , 194, 1097-110	16.6	135
84	Analysis of protein transglutamylation in apoptosis. <i>Methods in Cell Biology</i> , 2001 , 66, 111-33	1.8	9
83	"Tissue" transglutaminase expression in HIV-infected cells: an enzyme with an antiviral effect?. <i>Annals of the New York Academy of Sciences</i> , 2001 , 946, 108-20	6.5	9
82	Apoptosis induced by doxorubicin in neurotumor cells is divorced from drug effects on ceramide accumulation and may involve cell cycle-dependent caspase activation. <i>Journal of Neurochemistry</i> , 2000 , 75, 532-9	6	27
81	Early alterations in gene expression and cell morphology in a mouse model of Huntington's disease. <i>Journal of Neurochemistry</i> , 2000 , 75, 830-9	6	56
80	Decreased susceptibility to oxidative stress-induced apoptosis of peripheral blood mononuclear cells from healthy elderly and centenarians. <i>Mechanisms of Ageing and Development</i> , 2000 , 121, 239-50	5.6	63
79	Influence of bcl-2 on cell death during the cultivation of a Chinese hamster ovary cell line expressing a chimeric antibody. <i>Biotechnology and Bioengineering</i> , 2000 , 68, 31-43	4.9	110
78	Distinct properties of fenretinide and CD437 lead to synergistic responses with chemotherapeutic reagents. <i>Medical and Pediatric Oncology</i> , 2000 , 35, 663-8		18
77	Synergistic induction of apoptosis of neuroblastoma by fenretinide or CD437 in combination with chemotherapeutic drugs. <i>International Journal of Cancer</i> , 2000 , 88, 977-85	7.5	53
76	Decreased CD95 expression on naive T cells from HIV-infected persons undergoing highly active anti-retroviral therapy (HAART) and the influence of IL-2 low dose administration. Irhan Study Group. <i>Clinical and Experimental Immunology</i> , 2000 , 120, 324-32	6.2	14

75	Effector mechanisms of fenretinide-induced apoptosis in neuroblastoma. <i>Experimental Cell Research</i> , 2000 , 260, 50-60	4.2	83
74	Bcl-2 mediated suppression of apoptosis in myeloma NS0 cultures. <i>Journal of Biotechnology</i> , 2000 , 79, 147-59	3.7	74
73	"Tissue" transglutaminase in animal development. <i>International Journal of Developmental Biology</i> , 2000 , 44, 655-62	1.9	19
72	Identification of 'tissue' transglutaminase binding proteins in neural cells committed to apoptosis. <i>FASEB Journal</i> , 1999 , 13, 355-64	0.9	89
71	Inhibition of "tissue" transglutaminase increases cell survival by preventing apoptosis. <i>Journal of Biological Chemistry</i> , 1999 , 274, 34123-8	5.4	91
70	Nerve growth factor is an autocrine factor essential for the survival of macrophages infected with HIV. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 14013-8	11.5	111
69	Tissue transglutaminase: apoptosis versus autoimmunity. <i>Trends in Immunology</i> , 1999 , 20, 130-4		77
68	Mapping and sequencing of the murine 'tissue' transglutaminase (Tgm2) gene: absence of mutations in MRLlpr/lpr mice. <i>Cell Death and Differentiation</i> , 1999 , 6, 216-7	12.7	3
67	Ceramide accumulation precedes caspase-dependent apoptosis in CHP-100 neuroepithelioma cells exposed to the protein phosphatase inhibitor okadaic acid. <i>Cell Death and Differentiation</i> , 1999 , 6, 618-23	12.7	10
66	Bcl-2 and Bax regulation of apoptosis in germ cells during prenatal oogenesis in the mouse embryo. <i>Cell Death and Differentiation</i> , 1999 , 6, 908-15	12.7	99
65	'Tissue' transglutaminase release from apoptotic cells into extracellular matrix during human liver fibrogenesis. <i>Journal of Pathology</i> , 1999 , 189, 92-8	9.4	21
64	Hormonal control of "tissue" transglutaminase induction during programmed cell death in frog liver. <i>Experimental Cell Research</i> , 1999 , 247, 339-46	4.2	10
63	N-Oleoyl ethanolamine inhibits glucosylation of natural ceramides in CHP-100 neuroepithelioma cells: possible implications for apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 255, 456-9	3.4	26
62	Tissue transglutaminase release from apoptotic cells into extracellular matrix during human liver fibrogenesis 1999 , 189, 92		2
61	Apoptosis induced by N-hexanoylsphingosine in CHP-100 cells associates with accumulation of endogenous ceramide and is potentiated by inhibition of glucocerebroside synthesis. <i>Cell Death and Differentiation</i> , 1998 , 5, 785-91	12.7	40
60	Calpain involvement in calphostin C-induced apoptosis. <i>Biochemical Pharmacology</i> , 1998 , 56, 1489-92	6	20
59	Biochemical characterization and localization of transglutaminase in wild-type and cell-death mutants of the nematode <i>Caenorhabditis elegans</i> . <i>FEBS Journal</i> , 1998 , 253, 583-90		13
58	'Tissue' transglutaminase in cell death: a downstream or a multifunctional upstream effector?. <i>FEBS Letters</i> , 1998 , 430, 59-63	3.8	132

57	Ceramide-induced apoptosis is mediated by caspase activation independently from retinoblastoma protein post-translational modification. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 243, 852-7	3.4	23
56	Tissue transglutaminase and apoptosis. <i>Advances in Biochemical Engineering/Biotechnology</i> , 1998 , 129-136	10	
55	Tissue transglutaminase-dependent posttranslational modification of the retinoblastoma gene product in promonocytic cells undergoing apoptosis. <i>Molecular and Cellular Biology</i> , 1997 , 17, 6040-8	4.8	114
54	Retinoic acid receptors alpha and gamma mediate the induction of "tissue" transglutaminase activity and apoptosis in human neuroblastoma cells. <i>Experimental Cell Research</i> , 1997 , 235, 55-61	4.2	49
53	Lack of 'tissue' transglutaminase protein cross-linking leads to leakage of macromolecules from dying cells: relationship to development of autoimmunity in MRLlpr/lpr mice. <i>Cell Death and Differentiation</i> , 1997 , 4, 463-72	12.7	73
52	Retinoids and the control of growth/death decisions in human neuroblastoma cell lines. <i>Journal of Neuro-Oncology</i> , 1997 , 31, 65-83	4.8	57
51	Apoptosis of human monocytes/macrophages in Mycobacterium tuberculosis infection. <i>Journal of Pathology</i> , 1997 , 181, 31-8	9.4	101
50	Apoptosis of L929 cells by etoposide: a quantitative and kinetic approach. <i>Experimental Cell Research</i> , 1996 , 228, 292-305	4.2	29
49	Induction of "tissue" transglutaminase in HIV pathogenesis: evidence for high rate of apoptosis of CD4+ T lymphocytes and accessory cells in lymphoid tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 11057-62	11.5	111
48	Differential growth of N- and S-type human neuroblastoma cells xenografted into scid mice. correlation with apoptosis. <i>Journal of Pathology</i> , 1996 , 180, 415-22	9.4	29
47	Tamoxifen and somatostatin affect tumours by inducing apoptosis. <i>Cancer Letters</i> , 1995 , 96, 141-5	9.9	31
46	Tissue transglutaminase: a candidate effector element of physiological cell death. <i>Current Topics in Microbiology and Immunology</i> , 1995 , 200, 163-75	3.3	34
45	Apoptosis in human skin development: morphogenesis, periderm, and stem cells. <i>Developmental Dynamics</i> , 1994 , 199, 176-88	2.9	201
44	Macrophage-colony stimulating factor (M-CSF) stimulation induces cell death in HIV-infected human monocytes. <i>Immunology Letters</i> , 1994 , 42, 35-40	4.1	10
43	Abnormal Bcl-2 and "tissue" transglutaminase expression in psoriatic skin. <i>Journal of Investigative Dermatology</i> , 1994 , 103, 829-33	4.3	52
42	Immunohistochemical localization of tissue transglutaminase and Bcl-2 in rat uterine tissues during embryo implantation and post-partum involution. <i>Differentiation</i> , 1994 , 57, 51-61	3.5	57
41	HIV-1 gp120-dependent induction of apoptosis in antigen-specific human T cell clones is characterized by 'tissue' transglutaminase expression and prevented by cyclosporin A. <i>FEBS Letters</i> , 1994 , 339, 258-64	3.8	35
40	Tissue transglutaminase and apoptosis: sense and antisense transfection studies with human neuroblastoma cells. <i>Molecular and Cellular Biology</i> , 1994 , 14, 6584-96	4.8	253

39	Role of tissue transglutaminase in neuroblastoma cells undergoing apoptosis. <i>Progress in Clinical and Biological Research</i> , 1994 , 385, 123-9		3
38	Tissue transglutaminase and apoptosis: sense and antisense transfection studies with human neuroblastoma cells. <i>Molecular and Cellular Biology</i> , 1994 , 14, 6584-6596	4.8	58
37	c-myb down regulation is associated with apoptosis in human neuroblastoma cells. <i>Cell Death and Differentiation</i> , 1994 , 1, 85-92	12.7	5
36	The role of apoptosis in growing and stationary rat ascites hepatoma, Yoshida AH-130. <i>Journal of Pathology</i> , 1993 , 171, 301-9	9.4	17
35	Correlation between induction of lymphocyte apoptosis and prostaglandin E2 production by macrophages infected with HIV. <i>Cellular Immunology</i> , 1993 , 152, 120-30	4.4	58
34	Multiple cell cycle access to the apoptotic death programme in human neuroblastoma cells. <i>FEBS Letters</i> , 1993 , 320, 150-4	3.8	64
33	Characterization of the transglutaminase-mediated large molecular weight polymer from rat liver; its relationship to apoptosis. <i>European Journal of Cell Biology</i> , 1993 , 60, 210-6	6.1	37
32	Stem cell factor and leukemia inhibitory factor promote primordial germ cell survival by suppressing programmed cell death (apoptosis). <i>Development (Cambridge)</i> , 1993 , 118, 1089-1094	6.6	189
31	Expression of tissue transglutaminase in Balb-C 3T3 fibroblasts: effects on cellular morphology and adhesion. <i>Journal of Cell Biology</i> , 1992 , 119, 463-74	7.3	212
30	In vivo and in vitro induction of 'tissue' transglutaminase in rat hepatocytes by retinoic acid. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1992 , 1135, 171-9	4.9	39
29	Cycloheximide can rescue heat-shocked L cells from death by blocking stress-induced apoptosis. <i>Experimental Cell Research</i> , 1992 , 201, 436-43	4.2	36
28	The clearance of apoptotic cells in the liver is mediated by the asialoglycoprotein receptor. <i>FEBS Letters</i> , 1992 , 296, 174-8	3.8	145
27	Induction of apoptosis in thymocytes by prostaglandin E2 in vivo. <i>Autoimmunity</i> , 1992 , 2, 263-71		30
26	Phenotype-specific "tissue" transglutaminase regulation in human neuroblastoma cells in response to retinoic acid: correlation with cell death by apoptosis. <i>International Journal of Cancer</i> , 1992 , 52, 271-8	7.5	102
25	"Tissue" transglutaminase is specifically expressed in neonatal rat liver cells undergoing apoptosis upon epidermal growth factor-stimulation. <i>Cell and Tissue Research</i> , 1991 , 263, 227-35	4.2	131
24	Degradation of cells dying by apoptosis leads to accumulation of epsilon(gamma-glutamyl)lysine isodipeptide in culture fluid and blood. <i>FEBS Letters</i> , 1991 , 284, 109-12	3.8	33
23	The expression of "tissue" transglutaminase in two human cancer cell lines is related with the programmed cell death (apoptosis). <i>European Journal of Cell Biology</i> , 1991 , 54, 246-54	6.1	138
22	Apoptosis: molecular mechanisms in programmed cell death. <i>European Journal of Cell Biology</i> , 1991 , 56, 170-7	6.1	303

21	Retinoic acid and alpha-difluoromethylornithine induce different expression of neural-specific cell adhesion molecules in differentiating neuroblastoma cells. <i>Progress in Clinical and Biological Research</i> , 1991 , 366, 283-91		4
20	Induction of two different modes of cell death, apoptosis and necrosis, in rat liver after a single dose of thioacetamide. <i>American Journal of Pathology</i> , 1991 , 139, 1099-109	5.8	123
19	Polyamine Metabolism in Human Epidermal Keratinocytes Transformed with AD12-SV40, HPV16-DNA and K-ras Oncogene 1991 , 57-64		
18	Role of Tissue Transglutaminase in the Formation of Apoptotic Bodies 1991 , 461-471		1
17	Post-translational modification of apolipoprotein B by transglutaminases. <i>Biochemical Journal</i> , 1990 , 265, 707-13	3.8	14
16	Arachidonic acid incorporation and redistribution in human neuroblastoma (SK-N-BE) cell phospholipids. <i>Journal of Neurochemistry</i> , 1990 , 54, 778-82	6	27
15	Polyamine-dependent post-translational modification of proteins in differentiating mouse epidermal cells. <i>Journal of Investigative Dermatology</i> , 1990 , 94, 694-9	4.3	10
14	Ca2(+)-dependence of arachidonic acid redistribution among phospholipids of cultured mouse keratinocytes. <i>Lipids and Lipid Metabolism</i> , 1990 , 1045, 213-8		3
13	Apoptotic hepatocytes become insoluble in detergents and chaotropic agents as a result of transglutaminase action. <i>FEBS Letters</i> , 1989 , 245, 150-4	3.8	203
12	Covalent incorporation of polyamines as gamma-glutamyl derivatives into CHO cell protein. <i>BBA - Proteins and Proteomics</i> , 1988 , 952, 325-33		41
11	Correlation between transglutaminase activity and polyamine levels in human neuroblastoma cells. Effect of retinoic acid and alpha-difluoromethylornithine. <i>Experimental Cell Research</i> , 1988 , 179, 429-45	4.2	43
10	gamma-Glutamylamine derivatives in isolated rat hepatocyte proteins. <i>Biochemical Journal</i> , 1988 , 249, 813-7	3.8	18
9	Retinoic acid-induced modulation of rat liver transglutaminase and total polyamines in vivo. <i>Biochemical Journal</i> , 1988 , 253, 33-8	3.8	29
8	Free and protein-conjugated polyamines in mouse epidermal cells. Effect of high calcium and retinoic acid. <i>Journal of Biological Chemistry</i> , 1988 , 263, 3790-4	5.4	64
7	Free and protein-conjugated polyamines in mouse epidermal cells. Effect of high calcium and retinoic acid.. <i>Journal of Biological Chemistry</i> , 1988 , 263, 3790-3794	5.4	62
6	Post-translational modifications of cellular proteins by polyamines and polyamine-derivatives. <i>Advances in Experimental Medicine and Biology</i> , 1988 , 231, 185-98	3.6	6
5	Ornithine decarboxylase, transglutaminase, diamine oxidase and total diamines and polyamines in maternal liver and kidney throughout rat pregnancy. <i>Biochemical Journal</i> , 1986 , 234, 435-40	3.8	40
4	Presence of di- and polyamines covalently bound to protein in rat liver. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1985 , 841, 120-6	4	53

3	Mechanism of release of integral proteins from rat liver microsomal membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1983 , 731, 151-60	3.8	6
2	Issue Transglutaminase and Autoimmunity289-298		
1	Antisense to glucosylceramide synthase in human neuroepithelioma affects cell growth but not apoptosis		1