Shigekatzu Nagata

List of Publications by Year in Descending Order

333 papers	68,835 citations	111 h-index	260 g-index
356 ext. papers	73,615 ext. citations	13 avg, IF	7.94 L-index

#	Paper	IF	Citations
333	Inefficient development of syncytiotrophoblasts in the -deficient mouse placenta.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119, e2200582119	11.5	0
332	The tertiary structure of the human Xkr8-Basigin complex that scrambles phospholipids at plasma membranes. *Nature Structural and Molecular Biology*, **2021**, 28, 825-834	17.6	3
331	TIM4 expression by dendritic cells mediates uptake of tumor-associated antigens and anti-tumor responses. *Nature Communications*, **2021**, 12, 2237	17.4	8
330	Sensing and clearance of apoptotic cells. *Current Opinion in Immunology*, **2021**, 68, 1-8	7.8	11
329	Tim4 recognizes carbon nanotubes and mediates phagocytosis leading to granuloma formation. *Cell Reports*, **2021**, 34, 108734	10.6	6
328	A sublethal ATP11A mutation associated with neurological deterioration causes aberrant phosphatidylcholine flipping in plasma membranes. *Journal of Clinical Investigation*, **2021**, 131,	15.9	3
327	Infertility Caused by Inefficient Apoptotic Germ Cell Clearance in -Deficient Male Mice. *Molecular and Cellular Biology*, **2020**, 40,	4.8	3
326	Crystal structure of a human plasma membrane phospholipid flippase. *Journal of Biological Chemistry*, **2020**, 295, 10180-10194	5.4	29
325	Flippase and scramblase for phosphatidylserine exposure. *Current Opinion in Immunology*, **2020**, 62, 31-38	7.8	32
324	Functional Expression of the P2X7 ATP Receptor Requires Eros. *Journal of Immunology*, **2020**, 204, 559-568	5.3	3
323	Transport Cycle of Plasma Membrane Flippase ATP11C by Cryo-EM. *Cell Reports*, **2020**, 32, 108208	10.6	24
322	Phosphorylation-mediated activation of mouse Xkr8 scramblase for phosphatidylserine exposure. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 2907-2912	11.5	26
321	Predominant localization of phosphatidylserine at the cytoplasmic leaflet of the ER, and its TMEM16K-dependent redistribution. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 13368-13373	11.5	35
320	MERTK tyrosine kinase receptor together with TIM4 phosphatidylserine receptor mediates distinct signal transduction pathways for efferocytosis and cell proliferation. *Journal of Biological Chemistry* , **2019**, 294, 7221-7230	5.4	24
319	Lupus-like autoimmune disease caused by a lack of Xkr8, a caspase-dependent phospholipid scramblase. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 2132-2137	11.5	19
318	Apoptosis and Clearance of Apoptotic Cells. *Annual Review of Immunology*, **2018**, 36, 489-517	34.7	378
317	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. *Cell Death and Differentiation*, **2018**, 25, 486-541	12.7	2160

316	The CDC50A extracellular domain is required for forming a functional complex with and chaperoning phospholipid flippases to the plasma membrane. *Journal of Biological Chemistry*, **2018**, 293, 2172-2182	5.4	27
315	Single-molecule analysis of phospholipid scrambling by TMEM16F. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 3066-3071	11.5	43
314	Phospholipid flippases enable precursor B cells to flee engulfment by macrophages. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 12212-12217	11.5	24
313	Efferocytosis and autoimmune disease. *International Immunology*, **2018**, 30, 551-558	4.9	22
312	Programmed cell death and the immune system. *Nature Reviews Immunology*, **2017**, 17, 333-340	36.5	203
311	Characterization of the scrambling domain of the TMEM16 family. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 6274-6279	11.5	47
310	Mouse macrophages show different requirements for phosphatidylserine receptor Tim4 in efferocytosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 8800-8805	11.5	34
309	Cardiac myofibroblast engulfment of dead cells facilitates recovery after myocardial infarction. *Journal of Clinical Investigation*, **2017**, 127, 383-401	15.9	89
308	Xkr8 phospholipid scrambling complex in apoptotic phosphatidylserine exposure. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 9509-14	11.5	67
307	Osteopontin in Spontaneous Germinal Centers Inhibits Apoptotic Cell Engulfment and Promotes Anti-Nuclear Antibody Production in Lupus-Prone Mice. *Journal of Immunology*, **2016**, 197, 2177-86	5.3	22
306	Role of Ca(2+) in the Stability and Function of TMEM16F and 16K. *Biochemistry*, **2016**, 55, 3180-8	3.2	16
305	A Role of TMEM16E Carrying a Scrambling Domain in Sperm Motility. *Molecular and Cellular Biology*, **2016**, 36, 645-59	4.8	48
304	Exposure of phosphatidylserine on the cell surface. *Cell Death and Differentiation*, **2016**, 23, 952-61	12.7	212
303	Human Type IV P-type ATPases That Work as Plasma Membrane Phospholipid Flippases and Their Regulation by Caspase and Calcium. *Journal of Biological Chemistry*, **2016**, 291, 762-72	5.4	76
302	Cell biology: Killer enzymes tethered. *Nature*, **2016**, 533, 474-6	50.4	1
301	DNA-Mediated Cyclic GMP-AMP Synthase-Dependent and -Independent Regulation of Innate Immune Responses. *Journal of Immunology*, **2015**, 194, 4914-23	5.3	36
300	TMEM16F is required for phosphatidylserine exposure and microparticle release in activated mouse platelets. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 12800-5	11.5	131
299	An Apoptotic 'Eat MeTSignal: Phosphatidylserine Exposure. *Trends in Cell Biology*, **2015**, 25, 639-650	18.3	380

298	Clearance of Apoptotic Cells and Pyrenocytes. *Current Topics in Developmental Biology*, **2015**, 114, 267-95	5.3	13
297	Flippases and Scramblases at Plasma Membranes that Regulate Phosphatidylserine Exposure. *Blood*, **2015**, 126, SCI-31-SCI-31	2.2	1
296	Tim4- and MerTK-mediated engulfment of apoptotic cells by mouse resident peritoneal macrophages. *Molecular and Cellular Biology*, **2014**, 34, 1512-20	4.8	83
295	Nuclear removal during terminal lens fiber cell differentiation requires CDK1 activity: appropriating mitosis-related nuclear disassembly. *Development (Cambridge)*, **2014**, 141, 3388-98	6.6	35
294	Phospholipid scrambling on the plasma membrane. *Methods in Enzymology*, **2014**, 544, 381-93	1.7	16
293	Caspase-mediated cleavage of phospholipid flippase for apoptotic phosphatidylserine exposure. *Science*, **2014**, 344, 1164-8	33.3	323
292	MerTK-mediated engulfment of pyrenocytes by central macrophages in erythroblastic islands. *Blood*, **2014**, 123, 3963-71	2.2	52
291	Functional swapping between transmembrane proteins TMEM16A and TMEM16F. *Journal of Biological Chemistry*, **2014**, 289, 7438-47	5.4	19
290	Phospholipid flippase activities and substrate specificities of human type IV P-type ATPases localized to the plasma membrane. *Journal of Biological Chemistry*, **2014**, 289, 33543-56	5.4	78
289	Serum milk fat globule epidermal growth factor 8 elevation may subdivide systemic lupus erythematosus into two pathophysiologically distinct subsets. *Lupus*, **2014**, 23, 386-94	2.6	17
288	Exposure of phosphatidylserine by Xk-related protein family members during apoptosis. *Journal of Biological Chemistry*, **2014**, 289, 30257-30267	5.4	89
287	DNA degradation and its defects. *Cold Spring Harbor Perspectives in Biology*, **2014**, 6,	10.2	50
286	Immunosuppression via adenosine receptor activation by adenosine monophosphate released from apoptotic cells. *ELife*, **2014**, 3, e02172	8.9	60
285	Xk-related protein 8 and CED-8 promote phosphatidylserine exposure in apoptotic cells. *Science*, **2013**, 341, 403-6	33.3	343
284	Milk fat globule-EGF factor 8 mediates the enhancement of apoptotic cell clearance by glucocorticoids. *Cell Death and Differentiation*, **2013**, 20, 1230-40	12.7	54
283	Calcium-dependent phospholipid scramblase activity of TMEM16 protein family members. *Journal of Biological Chemistry*, **2013**, 288, 13305-16	5.4	234
282	Apaf-1- and Caspase-8-independent apoptosis. *Cell Death and Differentiation*, **2013**, 20, 343-52	12.7	19
281	Pyroptotic cells externalize eat-me and release find-me signals and are efficiently engulfed by macrophages. *International Immunology*, **2013**, 25, 363-72	4.9	69

280	Biogenesis and proteolytic processing of lysosomal DNase II. *PLoS ONE*, **2013**, 8, e59148	3.7	14
279	Apoptotic cells suppress mast cell inflammatory responses via the CD300a immunoreceptor. *Journal of Experimental Medicine*, **2012**, 209, 1493-503	16.6	60
278	Platelet apoptosis and apoptotic platelet clearance by macrophages in secondary dengue virus infections. *Journal of Infectious Diseases*, **2012**, 205, 1321-9	7	60
277	Drosophila EYA regulates the immune response against DNA through an evolutionarily conserved threonine phosphatase motif. *PLoS ONE*, **2012**, 7, e42725	3.7	26
276	Synergistic effect of Tim4 and MFG-E8 null mutations on the development of autoimmunity. *International Immunology*, **2012**, 24, 551-9	4.9	47
275	Two-step engulfment of apoptotic cells. *Molecular and Cellular Biology*, **2012**, 32, 118-25	4.8	90
274	Autoinflammation by endogenous DNA. *Advances in Immunology*, **2011**, 110, 139-61	5.6	21
273	Characterization of the threonine-phosphatase of mouse eyes absent 3. *FEBS Letters*, **2011**, 585, 2714-9	3.8	17
272	Constitutive exposure of phosphatidylserine on viable cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 19246-51	11.5	138
271	Calcium-dependent phospholipid scrambling by TMEM16F. *Nature*, **2010**, 468, 834-8	50.4	637
270	Apaf-1-independent programmed cell death in mouse development. *Cell Death and Differentiation*, **2010**, 17, 931-41	12.7	48
269	Apoptosis and autoimmune diseases. *Annals of the New York Academy of Sciences*, **2010**, 1209, 10-6	6.5	69
268	Cytokine-dependent but acquired immunity-independent arthritis caused by DNA escaped from degradation. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 19432-7	11.5	78
267	Essential role of p400/mDomino chromatin-remodeling ATPase in bone marrow hematopoiesis and cell-cycle progression. *Journal of Biological Chemistry*, **2010**, 285, 30214-23	5.4	22
266	Autoimmunity and the clearance of dead cells. *Cell*, **2010**, 140, 619-30	56.2	627
265	Aberrant splicing of the milk fat globule-EGF factor 8 (MFG-E8) gene in human systemic lupus erythematosus. *European Journal of Immunology*, **2010**, 40, 1778-85	6.1	35
264	Interferon-induced TRAIL-independent cell death in DNase II-/- embryos. *European Journal of Immunology*, **2010**, 40, 2590-8	6.1	6
263	Protective targeting of high mobility group box chromosomal protein 1 in a spontaneous arthritis model. *Arthritis and Rheumatism*, **2010**, 62, 2963-72		42

262	Regulation of the innate immune response by threonine-phosphatase of Eyes absent. *Nature*, **2009**, 460, 520-4	50.4	124
261	Guidelines for the use and interpretation of assays for monitoring cell death in higher eukaryotes. *Cell Death and Differentiation*, **2009**, 16, 1093-107	12.7	533
260	The many roles of FAS receptor signaling in the immune system. *Immunity*, **2009**, 30, 180-92	32.3	669
259	Lactadherin and clearance of platelet-derived microvesicles. *Blood*, **2009**, 113, 1332-9	2.2	163
258	Chronic polyarthritis caused by mammalian DNA that escapes from degradation in macrophages. *Inflammation and Regeneration*, **2009**, 29, 204-208	10.9	2
257	Imaging of Rab5 activity identifies essential regulators for phagosome maturation. *Nature*, **2008**, 453, 241-5	50.4	111
256	Role of lactadherin in the clearance of phosphatidylserine-expressing red blood cells. *Transfusion*, **2008**, 48, 2370-6	2.9	29
255	Essential role of C/EBPalpha in G-CSF-induced transcriptional activation and chromatin modification of myeloid-specific genes. *Genes To Cells*, **2008**, 13, 313-27	2.3	19
254	Nucleases in programmed cell death. *Methods in Enzymology*, **2008**, 442, 271-87	1.7	24
253	Rheumatoid polyarthritis caused by a defect in DNA degradation. *Cytokine and Growth Factor Reviews*, **2008**, 19, 295-302	17.9	13
252	Inhibition of autophagy prevents hippocampal pyramidal neuron death after hypoxic-ischemic injury. *American Journal of Pathology*, **2008**, 172, 454-69	5.8	400
251	Spatiotemporal activation of Rac1 for engulfment of apoptotic cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 9198-203	11.5	81
250	Milk fat globule EGF factor 8 in the serum of human patients of systemic lupus erythematosus. *Journal of Leukocyte Biology*, **2008**, 83, 1300-7	6.5	76
249	IFN regulatory factor (IRF) 3/7-dependent and -independent gene induction by mammalian DNA that escapes degradation. *European Journal of Immunology*, **2008**, 38, 3150-8	6.1	25
248	Bridge over troubled water: milk fat globule epidermal growth factor 8 promotes human monocyte-derived macrophage clearance of non-blebbing phosphatidylserine-positive target cells. *Cell Death and Differentiation*, **2007**, 14, 1063-5	12.7	23
247	Identification of Tim4 as a phosphatidylserine receptor. *Nature*, **2007**, 450, 435-9	50.4	834
246	Critical role of the p400/mDomino chromatin-remodeling ATPase in embryonic hematopoiesis. *Genes To Cells*, **2007**, 12, 581-92	2.3	28
245	Autoimmune diseases caused by defects in clearing dead cells and nuclei expelled from erythroid precursors. *Immunological Reviews*, **2007**, 220, 237-50	11.3	60

244	Degradation of nuclear DNA by DNase II-like acid DNase in cortical fiber cells of mouse eye lens. *FEBS Journal*, **2007**, 274, 3055-64	5.7	51
243	Opposite effects of rho family GTPases on engulfment of apoptotic cells by macrophages. *Journal of Biological Chemistry*, **2006**, 281, 8836-42	5.4	121
242	DNase II and the Chk2 DNA damage pathway form a genetic barrier blocking replication of horizontally transferred DNA. *Molecular Cancer Research*, **2006**, 4, 187-95	6.6	32
241	MFG-E8-dependent clearance of apoptotic cells, and autoimmunity caused by its failure. *Current Directions in Autoimmunity*, **2006**, 9, 162-72		41
240	Chronic polyarthritis caused by mammalian DNA that escapes from degradation in macrophages. *Nature*, **2006**, 443, 998-1002	50.4	365
239	Apoptosis and autoimmune diseases. *IUBMB Life*, **2006**, 58, 358-62	4.7	15
238	MFG-E8 in the retina and retinal pigment epithelium of rat and mouse. *Molecular Vision*, **2006**, 12, 1437-47	2.3	23
237	DNA degradation in development and programmed cell death. *Annual Review of Immunology*, **2005**, 23, 853-75	34.7	176
236	SEI family of nuclear factors regulates p53-dependent transcriptional activation. *Genes To Cells*, **2005**, 10, 851-60	2.3	39
235	Lethal anemia caused by interferon-beta produced in mouse embryos carrying undigested DNA. *Nature Immunology*, **2005**, 6, 49-56	19.1	296
234	Classification of cell death: recommendations of the Nomenclature Committee on Cell Death. *Cell Death and Differentiation*, **2005**, 12 Suppl 2, 1463-7	12.7	529
233	Phosphatidylserine-dependent engulfment by macrophages of nuclei from erythroid precursor cells. *Nature*, **2005**, 437, 754-8	50.4	256
232	Differential localization of Src homology 2 domain-containing protein tyrosine phosphatase substrate-1 and CD47 and its molecular mechanisms in cultured hippocampal neurons. *Journal of Neuroscience*, **2005**, 25, 2702-11	6.6	38
231	Impaired involution of mammary glands in the absence of milk fat globule EGF factor 8. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 16886-91	11.5	112
230	Toll-like receptor-independent gene induction program activated by mammalian DNA escaped from apoptotic DNA degradation. *Journal of Experimental Medicine*, **2005**, 202, 1333-9	16.6	230
229	Identification of CCR2, flotillin, and gp49B genes as new G-CSF targets during neutrophilic differentiation. *Journal of Leukocyte Biology*, **2005**, 78, 481-90	6.5	31
228	Mnk2 and Mnk1 are essential for constitutive and inducible phosphorylation of eukaryotic initiation factor 4E but not for cell growth or development. *Molecular and Cellular Biology*, **2004**, 24, 6539-49	4.8	381
227	Intraperitoneal injection of lipopolysaccharide induces dynamic migration of Gr-1high polymorphonuclear neutrophils in the murine abdominal cavity. *Vaccine Journal*, **2004**, 11, 452-7		28

226	Expression of developmental endothelial locus-1 in a subset of macrophages for engulfment of apoptotic cells. *Journal of Immunology*, **2004**, 172, 3876-82	5.3	118
225	Masking of phosphatidylserine inhibits apoptotic cell engulfment and induces autoantibody production in mice. *Journal of Experimental Medicine*, **2004**, 200, 459-67	16.6	214
224	Autoimmune disease and impaired uptake of apoptotic cells in MFG-E8-deficient mice. *Science*, **2004**, 304, 1147-50	33.3	794
223	SOCS-1 suppresses TNF-alpha-induced apoptosis through the regulation of Jak activation. *International Immunology*, **2004**, 16, 991-9	4.9	40
222	Expression of milk fat globule epidermal growth factor 8 in immature dendritic cells for engulfment of apoptotic cells. *European Journal of Immunology*, **2004**, 34, 1414-22	6.1	100
221	Increased cytotoxicity of soluble Fas ligand by fusing isoleucine zipper motif. *Biochemical and Biophysical Research Communications*, **2004**, 322, 197-202	3.4	48
220	Regulation of myeloid zinc finger protein 2A transactivation activity through phosphorylation by mitogen-activated protein kinases. *Journal of Biological Chemistry*, **2003**, 278, 2921-7	5.4	13
219	Tethering of apoptotic cells to phagocytes through binding of CD47 to Src homology 2 domain-bearing protein tyrosine phosphatase substrate-1. *Journal of Immunology*, **2003**, 171, 5718-26	5.3	62
218	A SWI2/SNF2-type ATPase/helicase protein, mDomino, interacts with myeloid zinc finger protein 2A (MZF-2A) to regulate its transcriptional activity. *Genes To Cells*, **2003**, 8, 325-39	2.3	19
217	Nuclear cataract caused by a lack of DNA degradation in the mouse eye lens. *Nature*, **2003**, 424, 1071-4	50.4	156
216	Mutually regulated expression of caspase-activated DNase and its inhibitor for apoptotic DNA fragmentation. *Cell Death and Differentiation*, **2003**, 10, 142-3	12.7	27
215	Degradation of chromosomal DNA during apoptosis. *Cell Death and Differentiation*, **2003**, 10, 108-16	12.7	352
214	Impaired thymic development in mouse embryos deficient in apoptotic DNA degradation. *Nature Immunology*, **2003**, 4, 138-44	19.1	203
213	Membrane-anchored CD40 is processed by the tumor necrosis factor-alpha-converting enzyme. Implications for CD40 signaling. *Journal of Biological Chemistry*, **2003**, 278, 32801-9	5.4	96
212	Requirement of Fas expression in B cells for tolerance induction. *European Journal of Immunology*, **2002**, 32, 223-30	6.1	29
211	Frequent mutations of Fas gene in nasal NK/T cell lymphoma. *Oncogene*, **2002**, 21, 4702-5	9.2	67
210	Identification of a factor that links apoptotic cells to phagocytes. *Nature*, **2002**, 417, 182-7	50.4	1037
209	Efficient biallelic mutagenesis with Cre/loxP-mediated inter-chromosomal recombination. *EMBO Reports*, **2002**, 3, 433-7	6.5	18

208	Co-translational folding of caspase-activated DNase with Hsp70, Hsp40, and inhibitor of caspase-activated DNase. *Journal of Biological Chemistry*, **2002**, 277, 3364-70	5.4	51
207	The evolutionary conservation of the mammalian peroxidase genes. *Cytogenetic and Genome Research*, **2002**, 98, 93-5	1.9	10
206	Activation of the innate immunity in Drosophila by endogenous chromosomal DNA that escaped apoptotic degradation. *Genes and Development*, **2002**, 16, 2662-71	12.6	68
205	Breakdown of chromosomal DNA. *Cornea*, **2002**, 21, S2-6	3.1	8
204	Frequent Fas gene mutations in testicular germ cell tumors. *American Journal of Pathology*, **2002**, 161, 635-41	5.8	30
203	Increased plasma levels of the soluble form of Fas ligand in patients with acute myocardial infarction and unstable angina pectoris. *Journal of the American College of Cardiology*, **2002**, 39, 585-90	15.1	43
202	Processing of tumor necrosis factor by the membrane-bound TNF-alpha-converting enzyme, but not its truncated soluble form. *FEBS Journal*, **2001**, 268, 2074-82		46
201	The membrane-bound but not the soluble form of human Fas ligand is responsible for its inflammatory activity. *European Journal of Immunology*, **2001**, 31, 2504-11	6.1	75
200	Fas gene mutations in prostatic intraepithelial neoplasia and concurrent carcinoma: analysis of laser capture microdissected specimens. *Laboratory Investigation*, **2001**, 81, 283-8	5.9	32
199	Inhibitory effect of M50054, a novel inhibitor of apoptosis, on anti-Fas-antibody-induced hepatitis and chemotherapy-induced alopecia. *European Journal of Pharmacology*, **2001**, 433, 37-45	5.3	23
198	Testicular FasL is expressed by sperm cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2001**, 98, 3316-21	11.5	121
197	The fused protein kinase regulates Hedgehog-stimulated transcriptional activation in Drosophila Schneider 2 cells. *Journal of Biological Chemistry*, **2001**, 276, 38441-8	5.4	26
196	Requirement of DNase II for definitive erythropoiesis in the mouse fetal liver. *Science*, **2001**, 292, 1546-9	33.3	297
195	Enzymatic active site of caspase-activated DNase (CAD) and its inhibition by inhibitor of CAD. *Archives of Biochemistry and Biophysics*, **2001**, 388, 91-9	4.1	30
194	Mice with markedly reduced PACAP (PAC(1)) receptor expression by targeted deletion of the signal peptide. *Journal of Neurochemistry*, **2000**, 75, 1810-7	6	27
193	Human and mouse Fas (APO-1/CD95) death receptor genes each contain a p53-responsive element that is activated by p53 mutants unable to induce apoptosis. *Journal of Biological Chemistry*, **2000**, 275, 3867-72	5.4	88
192	Deregulation of the CD95/CD95L system in lymphocytes from patients with primary acute HIV infection. *Aids*, **2000**, 14, 345-55	3.5	26
191	Modulation of T-cell-mediated immunity in tumor and graft-versus-host disease models through the LIGHT co-stimulatory pathway. *Nature Medicine*, **2000**, 6, 283-9	50.5	278

190	Structure of the heterodimeric complex between CAD domains of CAD and ICAD. *Nature Structural Biology*, **2000**, 7, 658-62		55
189	Fas-mediated cholangiopathy in the murine model of graft versus host disease. *Hepatology*, **2000**, 31, 966-74	11.2	58
188	A novel activation mechanism of caspase-activated DNase from Drosophila melanogaster. *Journal of Biological Chemistry*, **2000**, 275, 12978-86	5.4	48
187	Significance of Fas antigen-mediated apoptosis in human fulminant hepatic failure. *American Journal of Gastroenterology*, **2000**, 95, 2047-55	0.7	89
186	Signals transducers and activators of transcription (STAT)-induced STAT inhibitor-1 (SSI-1)/suppressor of cytokine signaling-1 (SOCS-1) suppresses tumor necrosis factor alpha-induced cell death in fibroblasts. *Proceedings of the National Academy of Sciences of the United States of America*, **2000**, 97, 5405-10	11.5	170
185	Specific chaperone-like activity of inhibitor of caspase-activated DNase for caspase-activated DNase. *Journal of Biological Chemistry*, **2000**, 275, 8091-6	5.4	47
184	Identification and developmental expression of inhibitor of caspase-activated DNase (ICAD) in Drosophila melanogaster. *Journal of Biological Chemistry*, **2000**, 275, 21402-8	5.4	39
183	LIGHT, a TNF-like molecule, costimulates T cell proliferation and is required for dendritic cell-mediated allogeneic T cell response. *Journal of Immunology*, **2000**, 164, 4105-10	5.3	315
182	Soluble Fas ligand expression in the ocular fluids of uveitis patients. *Current Eye Research*, **2000**, 20, 54-57	1.9	20
181	The eosinophil peroxidase gene forms a cluster with the genes for myeloperoxidase and lactoperoxidase on human chromosome 17. *Cytogenetic and Genome Research*, **2000**, 88, 246-8	1.9	19
180	Necrotic death pathway in Fas receptor signaling. *Journal of Cell Biology*, **2000**, 151, 1247-56	7.3	204
179	Intrathecal administration of neutralizing antibody against Fas ligand suppresses the progression of experimental autoimmune encephalomyelitis. *Biochemical and Biophysical Research Communications*, **2000**, 275, 164-8	3.4	22
178	Apoptotic DNA fragmentation. *Experimental Cell Research*, **2000**, 256, 12-8	4.2	696
177	Structure of the CAD domain of caspase-activated DNase and interaction with the CAD domain of its inhibitor. *Journal of Molecular Biology*, **2000**, 297, 1121-8	6.5	32
176	An auxiliary mode of apoptotic DNA fragmentation provided by phagocytes. *Genes and Development*, **2000**, 14, 549-558	12.6	71
175	Therapeutic effect of an anti-Fas ligand mAb on lethal graft-versus-host disease. *International Immunology*, **1999**, 11, 925-31	4.9	58
174	Functional differences of two forms of the inhibitor of caspase-activated DNase, ICAD-L, and ICAD-S. *Journal of Biological Chemistry*, **1999**, 274, 15740-4	5.4	84
173	Acute toxicity of an anti-Fas antibody in mice. *Toxicologic Pathology*, **1999**, 27, 412-20	2.1	29

172	Apoptosis: cell death defined by caspase activation. *Cell Death and Differentiation*, **1999**, 6, 495-6	12.7	172
171	Structure and promoter analysis of murine CAD and ICAD genes. *Cell Death and Differentiation*, **1999**, 6, 745-52	12.7	28
170	Involvement of caspase 3-activated DNase in internucleosomal DNA cleavage induced by diverse apoptotic stimuli. *Oncogene*, **1999**, 18, 4401-8	9.2	104
169	Fas and Fas ligand expression in inflamed islets in pancreas sections of patients with recent-onset Type I diabetes mellitus. *Diabetologia*, **1999**, 42, 1332-40	10.3	129
168	The human caspase-activated DNase gene (hCAD): genomic structure, exonic single-nucleotide polymorphisms, and a highly polymorphic dinucleotide repeat at the hCAD locus. *Journal of Human Genetics*, **1999**, 44, 408-11	4.3	4
167	Apoptotic nuclear morphological change without DNA fragmentation. *Current Biology*, **1999**, 9, 543-6	6.3	136
166	Fas ligand-induced apoptosis. *Annual Review of Genetics*, **1999**, 33, 29-55	14.5	633
165	Genomic organization and chromosomal location of the mouse vasoactive intestinal polypeptide 1 (VPAC1) receptor. *Genomics*, **1999**, 58, 90-3	4.3	17
164	Interferon alpha augments activation-induced T cell death by upregulation of Fas (CD95/APO-1) and Fas ligand expression. *Cytokine*, **1999**, 11, 736-43	4	68
163	Essential roles of the Fas-Fas ligand pathway in the development of pulmonary fibrosis. *Journal of Clinical Investigation*, **1999**, 104, 13-9	15.9	279
162	Caspase 1-independent IL-1beta release and inflammation induced by the apoptosis inducer Fas ligand. *Nature Medicine*, **1998**, 4, 1287-92	50.5	346
161	A caspase-activated DNase that degrades DNA during apoptosis, and its inhibitor ICAD. *Nature*, **1998**, 391, 43-50	50.4	2697
160	Cleavage of CAD inhibitor in CAD activation and DNA degradation during apoptosis. *Nature*, **1998**, 391, 96-9	50.4	1409
159	Inhibition of Fas-induced apoptosis by Bcl-2. *Oncogene*, **1998**, 17, 2549-54	9.2	60
158	Downregulation of Fas ligand by shedding. *Nature Medicine*, **1998**, 4, 31-6	50.5	591
157	Levels of soluble Fas ligand in myocarditis. *American Journal of Cardiology*, **1998**, 82, 246-8	3	58
156	Soluble Fas ligand in the joints of patients with rheumatoid arthritis and osteoarthritis. *Arthritis and Rheumatism*, **1998**, 41, 657-62		98
155	Natural killer cell-derived large granular lymphocyte lymphoma of lung developed in a patient with hypersensitivity to mosquito bites and reactivated Epstein-Barr virus infection. *American Journal of Hematology*, **1998**, 59, 309-15	7.1	27

154	Human autoimmune lymphoproliferative syndrome, a defect in the apoptosis-inducing Fas receptor: a lesson from the mouse model. *Journal of Human Genetics*, **1998**, 43, 2-8	4.3	81
153	Fas-induced DNA fragmentation and proteolysis of nuclear proteins. *Genes To Cells*, **1998**, 3, 297-306	2.3	40
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