Guido Kroemer

List of Publications by Year
in descending order

1,531 papers	294,034 citations	246 h-index	490 g-index
1586 all docs	1586 docs citations	1586 times ranked	182792 citing authors

#	Article	IF	Citations
1	The Hallmarks of Aging. Cell, 2013, 153, 1194-1217.	13.5	10,992
2	Autophagy in the Pathogenesis of Disease. Cell, 2008, 132, 27-42.	13.5	6,190
3	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
4	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	5.0	4,036
5	Molecular characterization of mitochondrial apoptosis-inducing factor. Nature, 1999, 397, 441-446.	13.7	3,697
6	Gut microbiome influences efficacy of PD-1â€“based immunotherapy against epithelial tumors. Science, 2018, 359, 91-97.	6.0	3,689
7	Mitochondrial Membrane Permeabilization in Cell Death. Physiological Reviews, 2007, 87, 99-163.	13.1	3,126
8	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
9	Self-eating and self-killing: crosstalk between autophagy and apoptosis. Nature Reviews Molecular Cell Biology, 2007, 8, 741-752.	16.1	3,105
10	Autophagy and the Integrated Stress Response. Molecular Cell, 2010, 40, 280-293.	4.5	2,982
11	The Pathophysiology of Mitochondrial Cell Death. Science, 2004, 305, 626-629.	6.0	2,960
12	Mitochondrial control of cell death. Nature Medicine, 2000, 6, 513-519.	15.2	2,937
13	Toll-like receptor 4â€“dependent contribution of the immune system to anticancer chemotherapy and radiotherapy. Nature Medicine, 2007, 13, 1050-1059.	15.2	2,657
14	Calreticulin exposure dictates the immunogenicity of cancer cell death. Nature Medicine, 2007, 13, 54-61.	15.2	2,580
15	Classification of cell death: recommendations of the Nomenclature Committee on Cell Death 2009. Cell Death and Differentiation, 2009, 16, 3-11.	5.0	2,572
16	Anticancer immunotherapy by CTLA-4 blockade relies on the gut microbiota. Science, 2015, 350, 1079-1084.	6.0	2,539
17	Immunogenic Cell Death in Cancer Therapy. Annual Review of Immunology, 2013, 31, 51-72.	9.5	2,489
18	Molecular definitions of cell death subroutines: recommendations of the Nomenclature Committee on Cell Death 2012. Cell Death and Differentiation, 2012, 19, 107-120.	5.0	2,144

#	Article	IF	Citations
19	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. Autophagy, 2008, 4, 151-175.	4.3	2,064
20	Molecular mechanisms of cisplatin resistance. Oncogene, 2012, 31, 1869-1883.	2.6	2,058
21	Immunogenic cell death in cancer and infectious disease. Nature Reviews Immunology, 2017, 17, 97-111.	10.6	2,000
22	Molecular mechanisms of necroptosis: an ordered cellular explosion. Nature Reviews Molecular Cell Biology, 2010, 11, 700-714.	16.1	1,941
23	Tumor Cell Metabolism: Cancer's Achilles' Heel. Cancer Cell, 2008, 13, 472-482.	7.7	1,926
24	THE MITOCHONDRIAL DEATH/LIFE REGULATOR IN APOPTOSIS AND NECROSIS. Annual Review of Physiology, 1998, 60, 619-642.	5.6	1,851
25	Autophagy and Aging. Cell, 2011, 146, 682-695.	13.5	1,809
26	Self-consumption: the interplay of autophagy and apoptosis. Nature Reviews Molecular Cell Biology, 2014, 15, 81-94.	16.1	1,769
27	Biological Functions of Autophagy Genes: A Disease Perspective. Cell, 2019, 176, 11-42.	13.5	1,721
28	The proto-oncogene Bcl-2 and its role in regulating apoptosis. Nature Medicine, 1997, 3, 614-620.	15.2	1,717
29	Activation of the NLRP3 inflammasome in dendritic cells induces IL-1Î²â€"dependent adaptive immunity against tumors. Nature Medicine, 2009, 15, 1170-1178.	15.2	1,614
30	The immune contexture in cancer prognosis and treatment. Nature Reviews Clinical Oncology, 2017, 14, 717-734.	12.5	1,590
31	The Intestinal Microbiota Modulates the Anticancer Immune Effects of Cyclophosphamide. Science, 2013, 342, 971-976.	6.0	1,580
32	Inhibition of Macroautophagy Triggers Apoptosis. Molecular and Cellular Biology, 2005, 25, 1025-1040.	1.1	1,533
33	Sequential reduction of mitochondrial transmembrane potential and generation of reactive oxygen species in early programmed cell death.. Journal of Experimental Medicine, 1995, 182, 367-377.	4.2	1,509
34	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (edition	4.3	1,430
35	Ferroptosis: molecular mechanisms and health implications. Cell Research, 2021, 31, 107-125.	5.7	1,406
36	Mitochondrial control of apoptosis. Trends in Immunology, 1997, 18, 44-51.	7.5	1,401

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37	Targeting mitochondria for cancer therapy. Nature Reviews Drug Discovery, 2010, 9, 447-464.	21.5	1,389
38	Immunological aspects of cancer chemotherapy. Nature Reviews Immunology, 2008, 8, 59-73.	10.6	1,374
39	The molecular machinery of regulated cell death. Cell Research, 2019, 29, 347-364.	5.7	1,373
40	Organelle-specific initiation of cell death pathways. Nature Cell Biology, 2001, 3, E255-E263.	4.6	1,320
41	Mitochondrial control of nuclear apoptosis.. Journal of Experimental Medicine, 1996, 183, 1533-1544.	4.2	1,318
42	Induction of autophagy by spermidine promotes longevity. Nature Cell Biology, 2009, 11, 1305-1314.	4.6	1,302
43	Autophagic cell death: the story of a misnomer. Nature Reviews Molecular Cell Biology, 2008, 9, 1004-1010.	16.1	1,291
44	Molecular definitions of autophagy and related processes. EMBO Journal, 2017, 36, 1811-1836.	3.5	1,230
45	Caspase-dependent immunogenicity of doxorubicin-induced tumor cell death. Journal of Experimental Medicine, 2005, 202, 1691-1701.	4.2	1,224
46	Broadening horizons: the role of ferroptosis in cancer. Nature Reviews Clinical Oncology, 2021, 18, 280-296.	12.5	1,216
47	Essential role of the mitochondrial apoptosis-inducing factor in programmed cell death. Nature, 2001, 410, 549-554.	13.7	1,212
48	Immunological Effects of Conventional Chemotherapy and Targeted Anticancer Agents. Cancer Cell, 2015, 28, 690-714.	7.7	1,205
49	Lysosomal membrane permeabilization in cell death. Oncogene, 2008, 27, 6434-6451.	2.6	1,192
50	Autophagy-Dependent Anticancer Immune Responses Induced by Chemotherapeutic Agents in Mice. Science, 2011, 334, 1573-1577.	6.0	1,159
51	Reduction in mitochondrial potential constitutes an early irreversible step of programmed lymphocyte death in vivo.. Journal of Experimental Medicine, 1995, 181, 1661-1672.	4.2	1,137
52	Lysosomes and autophagy in cell death control. Nature Reviews Cancer, 2005, 5, 886-897.	12.8	1,135
53	Bcl-2 inhibits the mitochondrial release of an apoptogenic protease.. Journal of Experimental Medicine, 1996, 184, 1331-1341.	4.2	1,109
54	Cancer despite immunosurveillance: immunoselection and immunosubversion. Nature Reviews Immunology, 2006, 6, 715-727.	10.6	1,108

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55	Cell death by mitotic catastrophe: a molecular definition. Oncogene, 2004, 23, 2825-2837.	2.6	1,074
56	Bax and Adenine Nucleotide Translocator Cooperate in the Mitochondrial Control of Apoptosis. , 1998, 281, 2027-2031.		1,061
57	Mechanisms of cytochrome c release from mitochondria. Cell Death and Differentiation, 2006, 13, 1423-1433.	5.0	1,028
58	Regulation of autophagy by cytoplasmic p53. Nature Cell Biology, 2008, 10, 676-687.	4.6	1,025
59	Autophagy in malignant transformation and cancer progression. EMBO Journal, 2015, 34, 856-880.	3.5	1,012
60	Functional and physical interaction between Bcl-XL and a BH3-like domain in Beclin-1. EMBO Journal, 2007, 26, 2527-2539.	3.5	1,003
61	Mitochondria and the Autophagyâ€"Inflammationâ€"Cell Death Axis in Organismal Aging. Science, 2011, 333, 1109-1112.	6.0	983
62	The biochemistry of programmed cell death. FASEB Journal, 1995, 9, 1277-1287.	0.2	972
63	Immunogenic and tolerogenic cell death. Nature Reviews Immunology, 2009, 9, 353-363.	10.6	970
64	Cytoplasmic functions of the tumour suppressor p53. Nature, 2009, 458, 1127-1130.	13.7	965
65	Acetyl Coenzyme A: A Central Metabolite and Second Messenger. Cell Metabolism, 2015, 21, 805-821.	7.2	963
66	Immunogenic death of colon cancer cells treated with oxaliplatin. Oncogene, 2010, 29, 482-491.	2.6	937
67	Macrophages and Metabolism in the Tumor Microenvironment. Cell Metabolism, 2019, 30, 36-50.	7.2	933
68	The mitochondrion in apoptosis: how Pandora's box opens. Nature Reviews Molecular Cell Biology, 2001, 2, 67-71.	16.1	929
69	Type I interferons in anticancer immunity. Nature Reviews Immunology, 2015, 15, 405-414.	10.6	929
70	Hsp27 negatively regulates cell death by interacting with cytochrome c. Nature Cell Biology, 2000, 2, 645-652.	4.6	882
71	Current development of mTOR inhibitors as anticancer agents. Nature Reviews Drug Discovery, 2006, 5, 671-688.	21.5	861
72	Cell death by necrosis: towards a molecular definition. Trends in Biochemical Sciences, 2007, 32, 37-43.	3.7	853

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73	Cancer cellâ€“autonomous contribution of type I interferon signaling to the efficacy of chemotherapy. Nature Medicine, 2014, 20, 1301-1309.	15.2	823
74	Mitochondrial permeability transition is a central coordinating event of apoptosis.. Journal of Experimental Medicine, 1996, 184, 1155-1160.	4.2	821
75	Mitochondrial metabolism and cancer. Cell Research, 2018, 28, 265-280.	5.7	818
76	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. Cell Death and Differentiation, 2015, 22, 58-73.	5.0	811
77	Cardioprotection and lifespan extension by the natural polyamine spermidine. Nature Medicine, 2016, 22, 1428-1438.	15.2	801
78	Resistance Mechanisms to Immune-Checkpoint Blockade in Cancer: Tumor-Intrinsic and -Extrinsic Factors. Immunity, 2016, 44, 1255-1269.	6.6	797
79	Heat-shock protein 70 antagonizes apoptosis-inducing factor. Nature Cell Biology, 2001, 3, 839-843.	4.6	790
80	Immunogenic Chemotherapy Sensitizes Tumors to Checkpoint Blockade Therapy. Immunity, 2016, 44, 343-354.	6.6	767
81	Targeting the tumor microenvironment: removing obstruction to anticancer immune responses and immunotherapy. Annals of Oncology, 2016, 27, 1482-1492.	0.6	765
82	Decoding cell death signals in liver inflammation. Journal of Hepatology, 2013, 59, 583-594.	1.8	755
83	Bcl-2 family members: Dual regulators of apoptosis and autophagy. Autophagy, 2008, 4, 600-606.	4.3	741
84	Mechanism of Action of Conventional and Targeted Anticancer Therapies: Reinstating Immunosurveillance. Immunity, 2013, 39, 74-88.	6.6	739
85	Mitochondrioâ€nuclear translocation of AIF in apoptosis and necrosis. FASEB Journal, 2000, 14, 729-739.	0.2	723
86	The central executioners of apoptosis: caspases or mitochondria?. Trends in Cell Biology, 1998, 8, 267-271.	3.6	718
87	Metabolic Control of Autophagy. Cell, 2014, 159, 1263-1276.	13.5	703
88	Immunostimulation with chemotherapy in the era of immune checkpoint inhibitors. Nature Reviews Clinical Oncology, 2020, 17, 725-741.	12.5	701
89	Mitochondria as regulators of apoptosis: doubt no more. Biochimica Et Biophysica Acta - Bioenergetics, 1998, 1366, 151-165.	0.5	697
90	Cell death modalities: classification and pathophysiological implications. Cell Death and Differentiation, 2007, 14, 1237-1243.	5.0	688

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91	Consensus guidelines for the detection of immunogenic cell death. OncoImmunology, 2014, 3, e955691.	2.1	686
92	Heat Shock Proteins: Endogenous Modulators of Apoptotic Cell Death. Biochemical and Biophysical Research Communications, 2001, 286, 433-442.	1.0	685
93	Mechanisms of pre-apoptotic calreticulin exposure in immunogenic cell death. EMBO Journal, 2009, 28, 578-590.	3.5	683
94	Mitotic catastrophe: a mechanism for avoiding genomic instability. Nature Reviews Molecular Cell Biology, 2011, 12, 385-392.	16.1	682
95	Mitochondrial Release of Caspase-2 and -9 during the Apoptotic Process. Journal of Experimental Medicine, 1999, 189, 381-394.	4.2	678
96	Tumor cells convert immature myeloid dendritic cells into TGF-Î²â€“secreting cells inducing CD4+CD25+ regulatory T cell proliferation. Journal of Experimental Medicine, 2005, 202, 919-929.	4.2	676
97	Two Distinct Pathways Leading to Nuclear Apoptosis. Journal of Experimental Medicine, 2000, 192, 571-580.	4.2	665
98	The Permeability Transition Pore Complex: A Target for Apoptosis Regulation by Caspases and Bcl-2â€“related Proteins. Journal of Experimental Medicine, 1998, 187, 1261-1271.	4.2	657
99	Caspase-independent cell death. Nature Medicine, 2005, 11, 725-730.	15.2	651
100	Enterococcus hirae and Barnesiella intestinihominis Facilitate Cyclophosphamide-Induced Therapeutic Immunomodulatory Effects. Immunity, 2016, 45, 931-943.	6.6	645
101	Pharmacological modulation of autophagy: therapeutic potential and persisting obstacles. Nature Reviews Drug Discovery, 2017, 16, 487-511.	21.5	642
102	Systems biology of cisplatin resistance: past, present and future. Cell Death and Disease, 2014, 5, e1257-e1257.	2.7	625
103	Classification of cell death: recommendations of the Nomenclature Committee on Cell Death. Cell Death and Differentiation, 2005, 12, 1463-1467.	5.0	618
104	Spermidine in health and disease. Science, 2018, 359, .	6.0	616
105	The Central Executioner of Apoptosis: Multiple Connections between Protease Activation and Mitochondria in Fas/APO-1/CD95- and Ceramide-induced Apoptosis. Journal of Experimental Medicine, 1997, 186, 25-37.	4.2	615
106	Heat Shock Proteins 27 and 70: Anti-Apoptotic Proteins with Tumorigenic Properties. Cell Cycle, 2006, 5, 2592-2601.	1.3	615
107	Autophagy in major human diseases. EMBO Journal, 2021, 40, e108863.	3.5	615
108	Consensus guidelines for the definition, detection and interpretation of immunogenic cell death. , 2020, 8, e000337.		610

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109	The Tumor Suppressor p53 Limits Ferroptosis by Blocking DPP4 Activity. Cell Reports, 2017, 20, 1692-1704.	2.9	608
110	Mitochondria: master regulators of danger signalling. Nature Reviews Molecular Cell Biology, 2012, 13, 780-788.	16.1	601
111	Guidelines for the use and interpretation of assays for monitoring cell death in higher eukaryotes. Cell Death and Differentiation, 2009, 16, 1093-1107.	5.0	599
112	Immune parameters affecting the efficacy of chemotherapeutic regimens. Nature Reviews Clinical Oncology, 2011, 8, 151-160.	12.5	592
113	Metabolic targets for cancer therapy. Nature Reviews Drug Discovery, 2013, 12, 829-846.	21.5	592
114	The secret ally: immunostimulation by anticancer drugs. Nature Reviews Drug Discovery, 2012, 11, 215-233.	21.5	591
115	Metabolic Control of Longevity. Cell, 2016, 166, 802-821.	13.5	591
116	AIF deficiency compromises oxidative phosphorylation. EMBO Journal, 2004, 23, 4679-4689.	3.5	576
117	Anticancer Chemotherapy-Induced Intratumoral Recruitment and Differentiation of Antigen-Presenting Cells. Immunity, 2013, 38, 729-741.	6.6	572
118	Autophagy and Mitophagy in Cardiovascular Disease. Circulation Research, 2017, 120, 1812-1824.	2.0	559
119	Ferroptosis is a type of autophagy-dependent cell death. Seminars in Cancer Biology, 2020, 66, 89-100.	4.3	552
120	Metabolic control of cell death. Science, 2014, 345, 1250256.	6.0	527
121	Inflammasomes in carcinogenesis and anticancer immune responses. Nature Immunology, 2012, 13, 343-351.	7.0	525
122	The microbiome in cancer immunotherapy: Diagnostic tools and therapeutic strategies. Science, 2018, 359, 1366-1370.	6.0	525
123	The anticancer immune response: indispensable for therapeutic success?. Journal of Clinical Investigation, 2008, 118, 1991-2001.	3.9	520
124	Caloric restriction and resveratrol promote longevity through the Sirtuin-1-dependent induction of autophagy. Cell Death and Disease, 2010, 1, e10-e10.	2.7	518
125	Endoplasmic reticulum stress induces calcium-dependent permeability transition, mitochondrial outer membrane permeabilization and apoptosis. Oncogene, 2008, 27, 285-299.	2.6	499
126	The interaction between HMGB1 and TLR4 dictates the outcome of anticancer chemotherapy and radiotherapy. Immunological Reviews, 2007, 220, 47-59.	2.8	491

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127	Mitochondrion as a Novel Target of Anticancer Chemotherapy. Journal of the National Cancer Institute, 2000, 92, 1042-1053.	3.0	487
128	The apoptosis/autophagy paradox: autophagic vacuolization before apoptotic death. Journal of Cell Science, 2005, 118, 3091-3102.	1.2	487
129	Decoding Cell Death Signals in Inflammation and Immunity. Cell, 2010, 140, 798-804.	13.5	482
130	Cell death assays for drug discovery. Nature Reviews Drug Discovery, 2011, 10, 221-237.	21.5	482
131	Necroptosis: A Specialized Pathway of Programmed Necrosis. Cell, 2008, 135, 1161-1163.	13.5	475
132	Apoptosis-inducing factor (AIF): a novel caspase-independent death effector released from mitochondria. Biochimie, 2002, 84, 215-222.	1.3	472
133	AMPK-Mediated BECN1 Phosphorylation Promotes Ferroptosis by Directly Blocking System Xcâ€“ Activity. Current Biology, 2018, 28, 2388-2399.e5.	1.8	471
134	Autophagy in healthy aging and disease. Nature Aging, 2021, 1, 634-650.	5.3	467
135	Detection of immunogenic cell death and its relevance for cancer therapy. Cell Death and Disease, 2020, 11, 1013.	2.7	466
136	Mitochondria and programmed cell death: back to the future. FEBS Letters, 1996, 396, 7-13.	1.3	459
137	Necroptosis: Mechanisms and Relevance to Disease. Annual Review of Pathology: Mechanisms of Disease, 2017, 12, 103-130.	9.6	458
138	Apoptosis inducing factor (AIF): a phylogenetically old, caspase-independent effector of cell death. Cell Death and Differentiation, 1999, 6, 516-524.	5.0	452
139	Apoptosis-inducing factor (AIF): key to the conserved caspase-independent pathways of cell death?. Journal of Cell Science, 2002, 115, 4727-4734.	1.2	452
140	Autophagy regulation by p53. Current Opinion in Cell Biology, 2010, 22, 181-185.	2.6	450
141	The apoptosis-necrosis paradox. Apoptogenic proteases activated after mitochondrial permeability transition determine the mode of cell death. Oncogene, 1997, 15, 1573-1581.	2.6	443
142	Apoptosis in yeast: triggers, pathways, subroutines. Cell Death and Differentiation, 2010, 17, 763-773.	5.0	443
143	Mitochondria, the killer organelles and their weapons. Journal of Cellular Physiology, 2002, 192, 131-137.	2.0	440
144	Spermidine and resveratrol induce autophagy by distinct pathways converging on the acetylproteome. Journal of Cell Biology, 2011, 192, 615-629.	2.3	439

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145	Mitochondrial Control of Cellular Life, Stress, and Death. Circulation Research, 2012, 111, 1198-1207.	2.0	435
146	Apoptosis-inducing factor is involved in the regulation of caspase-independent neuronal cell death. Journal of Cell Biology, 2002, 158, 507-517.	2.3	434
147	Immunogenic cell stress and death. Nature Immunology, 2022, 23, 487-500.	7.0	434
148	The HIV-1 Viral Protein R Induces Apoptosis via a Direct Effect on the Mitochondrial Permeability Transition Pore. Journal of Experimental Medicine, 2000, 191, 33-46.	4.2	428
149	Dendritic cellâ€“derived exosomes for cancer therapy. Journal of Clinical Investigation, 2016, 126, 1224-1232.	3.9	427
150	Lysosomal Membrane Permeabilization Induces Cell Death in a Mitochondrion-dependent Fashion. Journal of Experimental Medicine, 2003, 197, 1323-1334.	4.2	421
151	Molecular characteristics of immunogenic cancer cell death. Cell Death and Differentiation, 2008, 15, 3-12.	5.0	421
152	Calreticulin exposure is required for the immunogenicity of Î³-irradiation and UVC light-induced apoptosis. Cell Death and Differentiation, 2007, 14, 1848-1850.	5.0	420
153	The hallmarks of successful anticancer immunotherapy. Science Translational Medicine, 2018, 10, .	5.8	419
154	Role of the c subunit of the F_OATP synthase in mitochondrial permeability transition. Cell Cycle, 2013, 12, 674-683.	1.3	416
155	Regulation of Autophagy by Cytosolic Acetyl-Coenzyme A. Molecular Cell, 2014, 53, 710-725.	4.5	412
156	BH3-Only Proteins and BH3 Mimetics Induce Autophagy by Competitively Disrupting the Interaction between Beclin 1 and Bcl-2/Bcl-X_L. Autophagy, 2007, 3, 374-376.	4.3	411
157	Caloric Restriction Mimetics Enhance Anticancer Immunosurveillance. Cancer Cell, 2016, 30, 147-160.	7.7	410
158	Does Autophagy Contribute To Cell Death?. Autophagy, 2005, 1, 66-74.	4.3	405
159	Inhibitors of permeability transition interfere with the disruption of the mitochondrial transmembrane potential during apoptosis. FEBS Letters, 1996, 384, 53-57.	1.3	400
160	Anticancer effects of the microbiome and its products. Nature Reviews Microbiology, 2017, 15, 465-478.	13.6	399
161	Autophagy-Dependent Ferroptosis: Machinery and Regulation. Cell Chemical Biology, 2020, 27, 420-435.	2.5	399
162	Classification of current anticancer immunotherapies. Oncotarget, 2014, 5, 12472-12508.	0.8	395

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163	Molecular mechanisms of ATP secretion during immunogenic cell death. Cell Death and Differentiation, 2014, 21, 79-91.	5.0	395
164	Can autophagy promote longevity?. Nature Cell Biology, 2010, 12, 842-846.	4.6	394
165	Caloric Restriction Mimetics against Age-Associated Disease: Targets, Mechanisms, and Therapeutic Potential. Cell Metabolism, 2019, 29, 592-610.	7.2	394
166	Apoptosis-inducing factor (AIF): a ubiquitous mitochondrial oxidoreductase involved in apoptosis. FEBS Letters, 2000, 476, 118-123.	1.3	390
167	Lipid Peroxidation Drives Gasdermin D-Mediated Pyroptosis in Lethal Polymicrobial Sepsis. Cell Host and Microbe, 2018, 24, 97-108.e4.	5.1	390
168	Control of autophagy by oncogenes and tumor suppressor genes. Cell Death and Differentiation, 2009, 16, 87-93.	5.0	389
169	The gut microbiota influences anticancer immunosurveillance and general health. Nature Reviews Clinical Oncology, 2018, 15, 382-396.	12.5	389
170	Subcellular and submitochondrial mode of action of Bcl-2-like oncoproteins. Oncogene, 1998, 16, 2265-2282.	2.6	385
171	The tumor suppressor protein p53 and the ferroptosis network. Free Radical Biology and Medicine, 2019, 133, 162-168.	1.3	384
172	Targeted Deletion of AIF Decreases Mitochondrial Oxidative Phosphorylation and Protects from Obesity and Diabetes. Cell, 2007, 131, 476-491.	13.5	381
173	Chemotherapy: targeting the mitochondrial cell death pathway. Oncogene, 2002, 21, 8786-8803.	2.6	379
174	Viral Control of Mitochondrial Apoptosis. PLoS Pathogens, 2008, 4, e1000018.	2.1	379
175	A novel dendritic cell subset involved in tumor immunosurveillance. Nature Medicine, 2006, 12, 214-219.	15.2	377
176	Extracellular vesicles: masters of intercellular communication and potential clinical interventions. Journal of Clinical Investigation, 2016, 126, 1139-1143.	3.9	375
177	Promoting the clearance of neurotoxic proteins in neurodegenerative disorders of ageing. Nature Reviews Drug Discovery, 2018, 17, 660-688.	21.5	370
178	A dual role for autophagy in a murine model of lung cancer. Nature Communications, 2014, 5, 3056.	5.8	369
179	Essential role for autophagy in life span extension. Journal of Clinical Investigation, 2015, 125, 85-93.	3.9	369
180	An Immunosurveillance Mechanism Controls Cancer Cell Ploidy. Science, 2012, 337, 1678-1684.	6.0	367

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181	Cardiac Glycosides Exert Anticancer Effects by Inducing Immunogenic Cell Death. Science Translational Medicine, 2012, 4, 143ra99.	5.8	367
182	Chemotherapy-induced antitumor immunity requires formyl peptide receptor 1. Science, 2015, 350, 972-978.	6.0	367
183	Microbiome and Anticancer Immunosurveillance. Cell, 2016, 165, 276-287.	13.5	366
184	Mitochondrial membrane permeabilization in neuronal injury. Nature Reviews Neuroscience, 2009, 10, 481-494.	4.9	360
185	An AIF orthologue regulates apoptosis in yeast. Journal of Cell Biology, 2004, 166, 969-974.	2.3	359
186	Autophagy and Cellular Immune Responses. Immunity, 2013, 39, 211-227.	6.6	359
187	Cancer and the gut microbiota: An unexpected link. Science Translational Medicine, 2015, 7, 271ps1.	5.8	358
188	Mitochondrial membrane permeabilization is a critical step of lysosome-initiated apoptosis induced by hydroxychloroquine. Oncogene, 2003, 22, 3927-3936.	2.6	357
189	APOPTOSIS: Mitochondria-the Death Signal Integrators. Science, 2000, 289, 1150-1151.	6.0	353
190	Healthspan and lifespan extension by fecal microbiota transplantation into progeroid mice. Nature Medicine, 2019, 25, 1234-1242.	15.2	352
191	The Mitochondrion in Cell Death Control: Certainties and Incognita. Experimental Cell Research, 2000, 256, 19-26.	1.2	350
192	Bcl-2 family members: dual regulators of apoptosis and autophagy. Autophagy, 2008, 4, 600-6.	4.3	350
193	Cuproptosis: a copper-triggered modality of mitochondrial cell death. Cell Research, 2022, 32, 417-418.	5.7	346
194	NADH Oxidase Activity of Mitochondrial Apoptosis-inducing Factor. Journal of Biological Chemistry, 2001, 276, 16391-16398.	1.6	344
195	Prognostic and Predictive Impact of Intra- and Peritumoral Immune Infiltrates. Cancer Research, 2011, 71, 5601-5605.	0.4	341
196	Cross talk between apoptosis and autophagy by caspase-mediated cleavage of Beclin 1. Oncogene, 2010, 29, 1717-1719.	2.6	340
197	Complex Inhibitory Effects of Nitric Oxide on Autophagy. Molecular Cell, 2011, 43, 19-32.	4.5	340
198	Restoration of the immunogenicity of cisplatin-induced cancer cell death by endoplasmic reticulum stress. Oncogene, 2011, 30, 1147-1158.	2.6	340

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199	Anti- and pro-tumor functions of autophagy. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 1524-1532.	1.9	330
200	Tumor Cell Death and ATP Release Prime Dendritic Cells and Efficient Anticancer Immunity. Cancer Research, 2010, 70, 855-858.	0.4	326
201	Immunogenic Tumor Cell Death for Optimal Anticancer Therapy: The Calreticulin Exposure Pathway. Clinical Cancer Research, 2010, 16, 3100-3104.	3.2	325
202	Mitochondria as therapeutic targets for cancer chemotherapy. Oncogene, 2006, 25, 4812-4830.	2.6	324
203	Expression of P2X7 Receptor Increases<i>In Vivo</i>Tumor Growth. Cancer Research, 2012, 72, 2957-2969.	0.4	324
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