

Guido Kroemer

List of Publications by Year in descending order

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Version: 2024-02-01

1,531
papers

294,034
citations

³
246
h-index

⁸
490
g-index

1586
all docs

1586
docs citations

1586
times ranked

197649
citing authors

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

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

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

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

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

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91	Consensus guidelines for the detection of immunogenic cell death. <i>Oncolmmunology</i> , 2014, 3, e955691.	2.1	686
92	Heat Shock Proteins: Endogenous Modulators of Apoptotic Cell Death. <i>Biochemical and Biophysical Research Communications</i> , 2001, 286, 433-442.	1.0	685
93	Mechanisms of pre-apoptotic calreticulin exposure in immunogenic cell death. <i>EMBO Journal</i> , 2009, 28, 578-590.	3.5	683
94	Mitotic catastrophe: a mechanism for avoiding genomic instability. <i>Nature Reviews Molecular Cell Biology</i> , 2011, 12, 385-392.	16.1	682
95	Mitochondrial Release of Caspase-2 and -9 during the Apoptotic Process. <i>Journal of Experimental Medicine</i> , 1999, 189, 381-394.	4.2	678
96	Tumor cells convert immature myeloid dendritic cells into TGF- β -secreting cells inducing CD4+CD25+ regulatory T cell proliferation. <i>Journal of Experimental Medicine</i> , 2005, 202, 919-929.	4.2	676
97	Two Distinct Pathways Leading to Nuclear Apoptosis. <i>Journal of Experimental Medicine</i> , 2000, 192, 571-580.	4.2	665
98	The Permeability Transition Pore Complex: A Target for Apoptosis Regulation by Caspases and Bcl-2-related Proteins. <i>Journal of Experimental Medicine</i> , 1998, 187, 1261-1271.	4.2	657
99	Caspase-independent cell death. <i>Nature Medicine</i> , 2005, 11, 725-730.	15.2	651
100	<i>Enterococcus hirae</i> and <i>Barnesiella intestinihominis</i> Facilitate Cyclophosphamide-Induced Therapeutic Immunomodulatory Effects. <i>Immunity</i> , 2016, 45, 931-943.	6.6	645
101	Pharmacological modulation of autophagy: therapeutic potential and persisting obstacles. <i>Nature Reviews Drug Discovery</i> , 2017, 16, 487-511.	21.5	642
102	Systems biology of cisplatin resistance: past, present and future. <i>Cell Death and Disease</i> , 2014, 5, e1257-e1257.	2.7	625
103	Classification of cell death: recommendations of the Nomenclature Committee on Cell Death. <i>Cell Death and Differentiation</i> , 2005, 12, 1463-1467.	5.0	618
104	Spermidine in health and disease. <i>Science</i> , 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. <i>Journal of Experimental Medicine</i> , 1997, 186, 25-37.	4.2	615
106	Heat Shock Proteins 27 and 70: Anti-Apoptotic Proteins with Tumorigenic Properties. <i>Cell Cycle</i> , 2006, 5, 2592-2601.	1.3	615
107	Autophagy in major human diseases. <i>EMBO Journal</i> , 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. <i>Cell Reports</i> , 2017, 20, 1692-1704.	2.9	608
110	Mitochondria: master regulators of danger signalling. <i>Nature Reviews Molecular Cell Biology</i> , 2012, 13, 780-788.	16.1	601
111	Guidelines for the use and interpretation of assays for monitoring cell death in higher eukaryotes. <i>Cell Death and Differentiation</i> , 2009, 16, 1093-1107.	5.0	599
112	Immune parameters affecting the efficacy of chemotherapeutic regimens. <i>Nature Reviews Clinical Oncology</i> , 2011, 8, 151-160.	12.5	592
113	Metabolic targets for cancer therapy. <i>Nature Reviews Drug Discovery</i> , 2013, 12, 829-846.	21.5	592
114	The secret ally: immunostimulation by anticancer drugs. <i>Nature Reviews Drug Discovery</i> , 2012, 11, 215-233.	21.5	591
115	Metabolic Control of Longevity. <i>Cell</i> , 2016, 166, 802-821.	13.5	591
116	AIF deficiency compromises oxidative phosphorylation. <i>EMBO Journal</i> , 2004, 23, 4679-4689.	3.5	576
117	Anticancer Chemotherapy-Induced Intratumoral Recruitment and Differentiation of Antigen-Presenting Cells. <i>Immunity</i> , 2013, 38, 729-741.	6.6	572
118	Autophagy and Mitophagy in Cardiovascular Disease. <i>Circulation Research</i> , 2017, 120, 1812-1824.	2.0	559
119	Ferroptosis is a type of autophagy-dependent cell death. <i>Seminars in Cancer Biology</i> , 2020, 66, 89-100.	4.3	552
120	Metabolic control of cell death. <i>Science</i> , 2014, 345, 1250256.	6.0	527
121	Inflammasomes in carcinogenesis and anticancer immune responses. <i>Nature Immunology</i> , 2012, 13, 343-351.	7.0	525
122	The microbiome in cancer immunotherapy: Diagnostic tools and therapeutic strategies. <i>Science</i> , 2018, 359, 1366-1370.	6.0	525
123	The anticancer immune response: indispensable for therapeutic success?. <i>Journal of Clinical Investigation</i> , 2008, 118, 1991-2001.	3.9	520
124	Caloric restriction and resveratrol promote longevity through the Sirtuin-1-dependent induction of autophagy. <i>Cell Death and Disease</i> , 2010, 1, e10-e10.	2.7	518
125	Endoplasmic reticulum stress induces calcium-dependent permeability transition, mitochondrial outer membrane permeabilization and apoptosis. <i>Oncogene</i> , 2008, 27, 285-299.	2.6	499
126	The interaction between HMGB1 and TLR4 dictates the outcome of anticancer chemotherapy and radiotherapy. <i>Immunological Reviews</i> , 2007, 220, 47-59.	2.8	491

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

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

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163	Molecular mechanisms of ATP secretion during immunogenic cell death. <i>Cell Death and Differentiation</i> , 2014, 21, 79-91.	5.0	395
164	Can autophagy promote longevity?. <i>Nature Cell Biology</i> , 2010, 12, 842-846.	4.6	394
165	Caloric Restriction Mimetics against Age-Associated Disease: Targets, Mechanisms, and Therapeutic Potential. <i>Cell Metabolism</i> , 2019, 29, 592-610.	7.2	394
166	Apoptosis-inducing factor (AIF): a ubiquitous mitochondrial oxidoreductase involved in apoptosis. <i>FEBS Letters</i> , 2000, 476, 118-123.	1.3	390
167	Lipid Peroxidation Drives Gasdermin D-Mediated Pyroptosis in Lethal Polymicrobial Sepsis. <i>Cell Host and Microbe</i> , 2018, 24, 97-108.e4.	5.1	390
168	Control of autophagy by oncogenes and tumor suppressor genes. <i>Cell Death and Differentiation</i> , 2009, 16, 87-93.	5.0	389
169	The gut microbiota influences anticancer immunosurveillance and general health. <i>Nature Reviews Clinical Oncology</i> , 2018, 15, 382-396.	12.5	389
170	Subcellular and submitochondrial mode of action of Bcl-2-like oncoproteins. <i>Oncogene</i> , 1998, 16, 2265-2282.	2.6	385
171	The tumor suppressor protein p53 and the ferroptosis network. <i>Free Radical Biology and Medicine</i> , 2019, 133, 162-168.	1.3	384
172	Targeted Deletion of AIF Decreases Mitochondrial Oxidative Phosphorylation and Protects from Obesity and Diabetes. <i>Cell</i> , 2007, 131, 476-491.	13.5	381
173	Chemotherapy: targeting the mitochondrial cell death pathway. <i>Oncogene</i> , 2002, 21, 8786-8803.	2.6	379
174	Viral Control of Mitochondrial Apoptosis. <i>PLoS Pathogens</i> , 2008, 4, e1000018.	2.1	379
175	A novel dendritic cell subset involved in tumor immunosurveillance. <i>Nature Medicine</i> , 2006, 12, 214-219.	15.2	377
176	Extracellular vesicles: masters of intercellular communication and potential clinical interventions. <i>Journal of Clinical Investigation</i> , 2016, 126, 1139-1143.	3.9	375
177	Promoting the clearance of neurotoxic proteins in neurodegenerative disorders of ageing. <i>Nature Reviews Drug Discovery</i> , 2018, 17, 660-688.	21.5	370
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1155	How Many Genes Code for Organ-Specific Autoimmunity?. <i>Autoimmunity</i> , 1990, 6, 215-233.	1.2	14
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1173	Reverse Warburg: Straight to cancer. <i>Cell Cycle</i> , 2012, 11, 1059-1059.	1.3	13
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1182	Metabolic Reprogramming by Reduced Calorie Intake or Pharmacological Caloric Restriction Mimetics for Improved Cancer Immunotherapy. <i>Cancers</i> , 2021, 13, 1260.	1.7	13
1183	Effects of acyl-coenzyme A binding protein (ACBP)/diazepam-binding inhibitor (DBI) on body mass index. <i>Cell Death and Disease</i> , 2021, 12, 599.	2.7	13
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1185	Metformin: a metabolic modulator. <i>Oncotarget</i> , 2017, 8, 9017-9020.	0.8	13
1186	Lysosome-targeting agents in cancer therapy. <i>Oncotarget</i> , 2017, 8, 112168-112169.	0.8	13
1187	Cystic fibrosis transmembrane conductance regulator (CFTR) and autophagy: hereditary defects in cystic fibrosis <i>versus</i> gluten-mediated inhibition in celiac disease. <i>Oncotarget</i> , 2019, 10, 4492-4500.	0.8	13
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