

Junying Yuan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8332663/publications.pdf>

Version: 2024-02-01

169
papers

53,865
citations

4658

85
h-index

6131

159
g-index

173
all docs

173
docs citations

173
times ranked

54473
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018, 25, 486-541.	11.2	4,036
3	Cleavage of BID by Caspase 8 Mediates the Mitochondrial Damage in the Fas Pathway of Apoptosis. <i>Cell</i> , 1998, 94, 491-501.	28.9	4,026
4	Caspase-12 mediates endoplasmic-reticulum-specific apoptosis and cytotoxicity by amyloid- β . <i>Nature</i> , 2000, 403, 98-103.	27.8	3,085
5	Chemical inhibitor of nonapoptotic cell death with therapeutic potential for ischemic brain injury. <i>Nature Chemical Biology</i> , 2005, 1, 112-119.	8.0	2,411
6	Identification of RIP1 kinase as a specific cellular target of necrostatins. <i>Nature Chemical Biology</i> , 2008, 4, 313-321.	8.0	1,708
7	Apoptosis in the nervous system. <i>Nature</i> , 2000, 407, 802-809.	27.8	1,676
8	Autophagy in cell death: an innocent convict?. <i>Journal of Clinical Investigation</i> , 2005, 115, 2679-2688.	8.2	1,498
9	A Selective Inhibitor of eIF2 γ Dephosphorylation Protects Cells from ER Stress. <i>Science</i> , 2005, 307, 935-939.	12.6	1,277
10	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017, 36, 1811-1836.	7.8	1,230
11	Cross-Talk between Two Cysteine Protease Families. <i>Journal of Cell Biology</i> , 2000, 150, 887-894.	5.2	1,094
12	A decade of caspases. <i>Oncogene</i> , 2003, 22, 8543-8567.	5.9	1,026
13	Identification of a Molecular Signaling Network that Regulates a Cellular Necrotic Cell Death Pathway. <i>Cell</i> , 2008, 135, 1311-1323.	28.9	878
14	Ich-1, an Ice/ced-3-related gene, encodes both positive and negative regulators of programmed cell death. <i>Cell</i> , 1994, 78, 739-750.	28.9	853
15	Activation and Cleavage of Caspase-3 in Apoptosis Induced by Experimental Cerebral Ischemia. <i>Journal of Neuroscience</i> , 1998, 18, 3659-3668.	3.6	823
16	Beclin1 Controls the Levels of p53 by Regulating the Deubiquitination Activity of USP10 and USP13. <i>Cell</i> , 2011, 147, 223-234.	28.9	687
17	Murine Caspase-11, an ICE-Interacting Protease, Is Essential for the Activation of ICE. <i>Cell</i> , 1998, 92, 501-509.	28.9	661
18	Necroptosis as an alternative form of programmed cell death. <i>Current Opinion in Cell Biology</i> , 2010, 22, 263-268.	5.4	660

#	ARTICLE	IF	CITATIONS
19	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021, 40, e108863.	7.8	615
20	Inhibition of caspase-1 slows disease progression in a mouse model of Huntington's disease. <i>Nature</i> , 1999, 399, 263-267.	27.8	606
21	Necroptosis and RIPK1-mediated neuroinflammation in CNS diseases. <i>Nature Reviews Neuroscience</i> , 2019, 20, 19-33.	10.2	562
22	Genome-wide analysis reveals mechanisms modulating autophagy in normal brain aging and in Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14164-14169.	7.1	556
23	Identification of small-molecule inhibitors of interaction between the BH3 domain and Bcl-xL. <i>Nature Cell Biology</i> , 2001, 3, 173-182.	10.3	536
24	The <i>Caenorhabditis elegans</i> genes <i>ced-3</i> and <i>ced-4</i> act cell autonomously to cause programmed cell death. <i>Developmental Biology</i> , 1990, 138, 33-41.	2.0	518
25	Pivotal role of oligomerization in expanded polyglutamine neurodegenerative disorders. <i>Nature</i> , 2003, 421, 373-379.	27.8	493
26	Regulation of RIP1 kinase signalling at the crossroads of inflammation and cell death. <i>Nature Reviews Molecular Cell Biology</i> , 2013, 14, 727-736.	37.0	491
27	Expansion and evolution of cell death programmes. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 378-390.	37.0	490
28	Cell death assays for drug discovery. <i>Nature Reviews Drug Discovery</i> , 2011, 10, 221-237.	46.4	482
29	The PHD Finger of the Chromatin-Associated Protein ING2 Functions as a Nuclear Phosphoinositide Receptor. <i>Cell</i> , 2003, 114, 99-111.	28.9	467
30	RIPK1 mediates axonal degeneration by promoting inflammation and necroptosis in ALS. <i>Science</i> , 2016, 353, 603-608.	12.6	448
31	Small molecule regulators of autophagy identified by an image-based high-throughput screen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 19023-19028.	7.1	439
32	Diversity in the Mechanisms of Neuronal Cell Death. <i>Neuron</i> , 2003, 40, 401-413.	8.1	417
33	Activation of Necroptosis in Multiple Sclerosis. <i>Cell Reports</i> , 2015, 10, 1836-1849.	6.4	413
34	Caspase-8 Is Required for Cell Death Induced by Expanded Polyglutamine Repeats. <i>Neuron</i> , 1999, 22, 623-633.	8.1	394
35	Regulation of Intracellular Accumulation of Mutant Huntingtin by Beclin 1. <i>Journal of Biological Chemistry</i> , 2006, 281, 14474-14485.	3.4	391
36	Expression of a Dominant Negative Mutant of Interleukin-1 β Converting Enzyme in Transgenic Mice Prevents Neuronal Cell Death Induced by Trophic Factor Withdrawal and Ischemic Brain Injury. <i>Journal of Experimental Medicine</i> , 1997, 185, 933-940.	8.5	365

#	ARTICLE	IF	CITATIONS
37	Chaperone-mediated autophagy is involved in the execution of ferroptosis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2996-3005.	7.1	352
38	Necroptosis in health and diseases. Seminars in Cell and Developmental Biology, 2014, 35, 14-23.	5.0	338
39	Dual Role of Caspase-11 in Mediating Activation of Caspase-1 and Caspase-3 under Pathological Conditions. Journal of Cell Biology, 2000, 149, 613-622.	5.2	309
40	Inhibition of ICE slows ALS in mice. Nature, 1997, 388, 31-31.	27.8	298
41	The Peutz-Jegher Gene Product LKB1 Is a Mediator of p53-Dependent Cell Death. Molecular Cell, 2001, 7, 1307-1319.	9.7	293
42	TBK1 Suppresses RIPK1-Driven Apoptosis and Inflammation during Development and in Aging. Cell, 2018, 174, 1477-1491.e19.	28.9	291
43	Caspase activation and neuroprotection in caspase-3- deficient mice after <i>in vivo</i> cerebral ischemia and <i>in vitro</i> oxygen glucose deprivation. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15188-15193.	7.1	285
44	Necroptosis in development and diseases. Genes and Development, 2018, 32, 327-340.	5.9	270
45	RIPK1 mediates a disease-associated microglial response in Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8788-E8797.	7.1	265
46	Targeting RIPK1 for the treatment of human diseases. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9714-9722.	7.1	258
47	Alternative cell death mechanisms in development and beyond. Genes and Development, 2010, 24, 2592-2602.	5.9	251
48	Necrostatin-1 Reduces Histopathology and Improves Functional Outcome after Controlled Cortical Impact in Mice. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 1564-1573.	4.3	239
49	Roles of Caspases in Necrotic Cell Death. Cell, 2016, 167, 1693-1704.	28.9	234
50	Attenuation of Transient Focal Cerebral Ischemic Injury in Transgenic Mice Expressing a Mutant ICE Inhibitory Protein. Journal of Cerebral Blood Flow and Metabolism, 1997, 17, 370-375.	4.3	232
51	Receptor-interacting protein kinase 1 (RIPK1) as a therapeutic target. Nature Reviews Drug Discovery, 2020, 19, 553-571.	46.4	229
52	Identification and Characterization of Ich-3, a Member of the Interleukin-1 β Converting Enzyme (ICE)/Ced-3 Family and an Upstream Regulator of ICE. Journal of Biological Chemistry, 1996, 271, 20580-20587.	3.4	218
53	Apoptotic and non-apoptotic roles of caspases in neuronal physiology and pathophysiology. Nature Reviews Neuroscience, 2012, 13, 395-406.	10.2	218
54	Regulation of RIPK1 activation by TAK1-mediated phosphorylation dictates apoptosis and necroptosis. Nature Communications, 2017, 8, 359.	12.8	210

#	ARTICLE	IF	CITATIONS
55	Necroptosis, a novel form of caspase-independent cell death, contributes to neuronal damage in a retinal ischemia-reperfusion injury model. <i>Journal of Neuroscience Research</i> , 2010, 88, 1569-1576.	2.9	209
56	A Genome-Wide siRNA Screen Reveals Multiple mTORC1 Independent Signaling Pathways Regulating Autophagy under Normal Nutritional Conditions. <i>Developmental Cell</i> , 2010, 18, 1041-1052.	7.0	208
57	Structure-activity relationship study of novel necroptosis inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 5039-5044.	2.2	206
58	Specific Cleavage of Fodrin during Fas- and Tumor Necrosis Factor-induced Apoptosis Is Mediated by an Interleukin-1 β -converting Enzyme/Ced-3 Protease Distinct from the Poly(ADP-ribose) Polymerase Protease. <i>Journal of Biological Chemistry</i> , 1996, 271, 31277-31282.	3.4	198
59	Pharmacologic agents targeting autophagy. <i>Journal of Clinical Investigation</i> , 2015, 125, 5-13.	8.2	198
60	Activation of PI3K/Akt and MAPK pathways regulates Myc-mediated transcription by phosphorylating and promoting the degradation of Mad1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6584-6589.	7.1	195
61	Structural Basis of RIP1 Inhibition by Necrostatins. <i>Structure</i> , 2013, 21, 493-499.	3.3	195
62	Neuroprotective strategies targeting apoptotic and necrotic cell death for stroke. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009, 14, 469-477.	4.9	190
63	Metabolic Regulation of Protein N-Alpha-Acetylation by Bcl-xL Promotes Cell Survival. <i>Cell</i> , 2011, 146, 607-620.	28.9	185
64	The Jekyll and Hyde Functions of Caspases. <i>Developmental Cell</i> , 2009, 16, 21-34.	7.0	181
65	Autophagy in Neurodegenerative Diseases: From Mechanism to Therapeutic Approach. <i>Molecules and Cells</i> , 2015, 38, 381-389.	2.6	178
66	Control of Life-or-Death Decisions by RIP1 Kinase. <i>Annual Review of Physiology</i> , 2014, 76, 129-150.	13.1	174
67	Control of basal autophagy by calpain1 mediated cleavage of ATG5. <i>Autophagy</i> , 2010, 6, 61-66.	9.1	170
68	A dominant autoinflammatory disease caused by non-cleavable variants of RIPK1. <i>Nature</i> , 2020, 577, 109-114.	27.8	163
69	Salmonella-Induced Caspase-2 Activation in Macrophages. <i>Journal of Experimental Medicine</i> , 2000, 192, 1035-1046.	8.5	162
70	Negative Regulation of Vps34 by Cdk Mediated Phosphorylation. <i>Molecular Cell</i> , 2010, 38, 500-511.	9.7	154
71	Chaperone-mediated autophagy degrades mutant p53. <i>Genes and Development</i> , 2013, 27, 1718-1730.	5.9	154
72	Necroptosis and Cancer. <i>Trends in Cancer</i> , 2017, 3, 294-301.	7.4	153

#	ARTICLE	IF	CITATIONS
73	Necroptosis promotes cell-autonomous activation of proinflammatory cytokine gene expression. <i>Cell Death and Disease</i> , 2018, 9, 500.	6.3	141
74	Antigen-mediated T cell expansion regulated by parallel pathways of death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 17463-17468.	7.1	130
75	Caspase-11 Mediates Oligodendrocyte Cell Death and Pathogenesis of Autoimmune-Mediated Demyelination. <i>Journal of Experimental Medicine</i> , 2001, 193, 111-122.	8.5	125
76	Caspase-11 regulates cell migration by promoting Aip1â€™Cofilin-mediated actin depolymerization. <i>Nature Cell Biology</i> , 2007, 9, 276-286.	10.3	122
77	Structure Guided Design of Potent and Selective Ponatinib-Based Hybrid Inhibitors for RIPK1. <i>Cell Reports</i> , 2015, 10, 1850-1860.	6.4	122
78	Upregulation of the Fas Receptor Death-Inducing Signaling Complex after Traumatic Brain Injury in Mice and Humans. <i>Journal of Neuroscience</i> , 2002, 22, 3504-3511.	3.6	117
79	Single-Cell RNA Sequencing: Unraveling the Brain One Cell at a Time. <i>Trends in Molecular Medicine</i> , 2017, 23, 563-576.	6.7	111
80	Regulation of a distinct activated RIPK1 intermediate bridging complex I and complex II in TNFÎ±-mediated apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5944-E5953.	7.1	110
81	Activation of necroptosis in human and experimental cholestasis. <i>Cell Death and Disease</i> , 2016, 7, e2390-e2390.	6.3	107
82	ICE, neuronal apoptosis and neurodegeneration. <i>Cell Death and Differentiation</i> , 1998, 5, 823-831.	11.2	102
83	Regulator of Calcineurin 1 (RCAN1) Facilitates Neuronal Apoptosis through Caspase-3 Activation. <i>Journal of Biological Chemistry</i> , 2011, 286, 9049-9062.	3.4	102
84	A first insight into the molecular mechanisms of apoptosis. <i>Cell</i> , 2004, 116, S53-S56.	28.9	99
85	Sequential activation of necroptosis and apoptosis cooperates to mediate vascular and neural pathology in stroke. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4959-4970.	7.1	98
86	Degradation of HK2 by chaperone-mediated autophagy promotes metabolic catastrophe and cell death. <i>Journal of Cell Biology</i> , 2015, 210, 705-716.	5.2	95
87	Death-domain dimerization-mediated activation of RIPK1 controls necroptosis and RIPK1-dependent apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2001-E2009.	7.1	95
88	USP14 regulates autophagy by suppressing K63 ubiquitination of Beclin 1. <i>Genes and Development</i> , 2016, 30, 1718-1730.	5.9	89
89	TAM Kinases Promote Necroptosis by Regulating Oligomerization of MLKL. <i>Molecular Cell</i> , 2019, 75, 457-468.e4.	9.7	87
90	Structureâ€™activity relationship analysis of a novel necroptosis inhibitor, Necrostatin-5. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 1455-1465.	2.2	86

#	ARTICLE	IF	CITATIONS
91	Caspase-11 Controls Interleukin-1 β Release through Degradation of TRPC1. <i>Cell Reports</i> , 2014, 6, 1122-1128.	6.4	86
92	Caspases determine the vulnerability of oligodendrocytes in the ischemic brain. <i>Journal of Clinical Investigation</i> , 2000, 106, 643-653.	8.2	85
93	Phosphorylation and activation of ubiquitin-specific protease-14 by Akt regulates the ubiquitin-proteasome system. <i>ELife</i> , 2015, 4, e10510.	6.0	84
94	Structural insights into the ubiquitin recognition by OPTN (optineurin) and its regulation by TBK1-mediated phosphorylation. <i>Autophagy</i> , 2018, 14, 66-79.	9.1	84
95	PELI1 functions as a dual modulator of necroptosis and apoptosis by regulating ubiquitination of RIPK1 and mRNA levels of c-FLIP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11944-11949.	7.1	83
96	ABIN-1 regulates RIPK1 activation by linking Met1 ubiquitylation with Lys63 deubiquitylation in TNF-RSC. <i>Nature Cell Biology</i> , 2018, 20, 58-68.	10.3	83
97	Evolutionary conservation of a genetic pathway of programmed cell death. , 1996, 60, 4-11.		81
98	Structure-activity relationship study of a novel necroptosis inhibitor, necrostatin-7. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 4932-4935.	2.2	81
99	G-protein-coupled receptors regulate autophagy by ZBTB16-mediated ubiquitination and proteasomal degradation of Atg14L. <i>ELife</i> , 2015, 4, e06734.	6.0	80
100	Structure-Activity Relationship Study of Tricyclic Necroptosis Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 1886-1895.	6.4	79
101	Modification of BECN1 by ISG15 plays a crucial role in autophagy regulation by type I IFN/interferon. <i>Autophagy</i> , 2015, 11, 617-628.	9.1	76
102	c-IAP1 Cooperates with Myc by Acting as a Ubiquitin Ligase for Mad1. <i>Molecular Cell</i> , 2007, 28, 914-922.	9.7	75
103	Mitochondrial Electron Transport Chain Complex III Is Required for Antimycin A to Inhibit Autophagy. <i>Chemistry and Biology</i> , 2011, 18, 1474-1481.	6.0	73
104	Flightless-I regulates proinflammatory caspases by selectively modulating intracellular localization and caspase activity. <i>Journal of Cell Biology</i> , 2008, 181, 321-333.	5.2	68
105	FBXL20-mediated Vps34 ubiquitination as a p53 controlled checkpoint in regulating autophagy and receptor degradation. <i>Genes and Development</i> , 2015, 29, 184-196.	5.9	68
106	Divergence from a Dedicated Cellular Suicide Mechanism: Exploring the Evolution of Cell Death. <i>Molecular Cell</i> , 2006, 23, 1-12.	9.7	67
107	Bcl-xS and Bax induce different apoptotic pathways in PC12 cells. <i>Oncogene</i> , 2000, 19, 1783-1793.	5.9	65
108	SARS-CoV-2 promotes RIPK1 activation to facilitate viral propagation. <i>Cell Research</i> , 2021, 31, 1230-1243.	12.0	62

#	ARTICLE	IF	CITATIONS
109	SnapShot: Necroptosis. <i>Cell</i> , 2014, 158, 464-464.e1.	28.9	58
110	Cochlin Produced by Follicular Dendritic Cells Promotes Antibacterial Innate Immunity. <i>Immunity</i> , 2013, 38, 1063-1072.	14.3	57
111	Modulating TRADD to restore cellular homeostasis and inhibit apoptosis. <i>Nature</i> , 2020, 587, 133-138.	27.8	57
112	BRAF and AXL oncogenes drive RIPK3 expression loss in cancer. <i>PLoS Biology</i> , 2018, 16, e2005756.	5.6	56
113	Coordinated Expression of Caspase 8, 3 and 7 mRNA in Temporal Cortex of Alzheimer Disease: Relationship to Formic Acid Extractable A β 42 Levels. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006, 65, 508-515.	1.7	54
114	USP25 regulates Wnt signaling by controlling the stability of tankyrases. <i>Genes and Development</i> , 2017, 31, 1024-1035.	5.9	54
115	A Novel Small Molecule Regulator of Guanine Nucleotide Exchange Activity of the ADP-ribosylation Factor and Golgi Membrane Trafficking. <i>Journal of Biological Chemistry</i> , 2008, 283, 31087-31096.	3.4	51
116	SPATA2 regulates the activation of RIPK1 by modulating linear ubiquitination. <i>Genes and Development</i> , 2017, 31, 1162-1176.	5.9	50
117	Structure-activity relationship study of [1,2,3]thiadiazole necroptosis inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 6836-6840.	2.2	48
118	Mechanisms of cell death in polyglutamine expansion diseases. <i>Current Opinion in Pharmacology</i> , 2004, 4, 85-90.	3.5	46
119	Assays for Necroptosis and Activity of RIP Kinases. <i>Methods in Enzymology</i> , 2014, 545, 1-33.	1.0	46
120	A critical role of eEF-2K in mediating autophagy in response to multiple cellular stresses. <i>Autophagy</i> , 2009, 5, 393-396.	9.1	45
121	Ubiquitination of RIPK1 regulates its activation mediated by TNFR1 and TLRs signaling in distinct manners. <i>Nature Communications</i> , 2020, 11, 6364.	12.8	44
122	Need for caspase-2 in apoptosis of growth-factor-deprived PC12 cells. , 1998, 52, 491-497.		43
123	The channel of death. <i>Journal of Cell Biology</i> , 2001, 155, 695-698.	5.2	42
124	Gentamicin-Induced Acute Kidney Injury in an Animal Model Involves Programmed Necrosis of the Collecting Duct. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 2097-2115.	6.1	42
125	Need for caspases in apoptosis of trophic factor-deprived PC12 cells. , 1997, 50, 69-80.		40
126	Hepatocyte-specific TAK1 deficiency drives RIPK1 kinase-dependent inflammation to promote liver fibrosis and hepatocellular carcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 14231-14242.	7.1	40

#	ARTICLE	IF	CITATIONS
127	Parkin regulates NF- κ B by mediating site-specific ubiquitination of RIPK1. <i>Cell Death and Disease</i> , 2018, 9, 732.	6.3	38
128	Role of Protein Misfolding in DFNA9 Hearing Loss. <i>Journal of Biological Chemistry</i> , 2010, 285, 14909-14919.	3.4	36
129	A RIPK1-regulated inflammatory microglial state in amyotrophic lateral sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	36
130	Inactivation of farnesyltransferase and geranylgeranyltransferase I by caspase-3: Cleavage of the common β subunit during apoptosis. <i>Oncogene</i> , 2001, 20, 358-366.	5.9	30
131	Genetic Regulation of RIPK1 and Necroptosis. <i>Annual Review of Genetics</i> , 2021, 55, 235-263.	7.6	28
132	Synthesis and SAR study of diphenylbutylpiperidines as cell autophagy inducers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 234-239.	2.2	27
133	A novel necroptosis inhibitor "necrostatin-21 and its SAR study. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4903-4906.	2.2	27
134	A Convoluted Way to Die. <i>Neuron</i> , 2001, 29, 563-566.	8.1	26
135	Reduction of mNAT1/hNAT2 Contributes to Cerebral Endothelial Necroptosis and A β Accumulation in Alzheimer's Disease. <i>Cell Reports</i> , 2020, 33, 108447.	6.4	26
136	RIPK1 Promotes Energy Sensing by the mTORC1 Pathway. <i>Molecular Cell</i> , 2021, 81, 370-385.e7.	9.7	25
137	Synergistic effect of a novel autophagy inhibitor and Quizartinib enhances cancer cell death. <i>Cell Death and Disease</i> , 2018, 9, 138.	6.3	23
138	Casein kinase-1 β and 3 stimulate tumor necrosis factor-induced necroptosis through RIPK3. <i>Cell Death and Disease</i> , 2019, 10, 923.	6.3	22
139	Inhibition of cIAP1 as a strategy for targeting c-MYC-driven oncogenic activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9317-E9324.	7.1	20
140	NEK1-mediated retromer trafficking promotes blood-brain barrier integrity by regulating glucose metabolism and RIPK1 activation. <i>Nature Communications</i> , 2021, 12, 4826.	12.8	20
141	Necroptosis activates UPR sensors without disrupting their binding with GRP78. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	20
142	Suppression of Interleukin-1 β converting enzyme (ICE)-induced apoptosis by SV40 large T antigen. <i>Oncogene</i> , 1997, 14, 1207-1214.	5.9	18
143	Activation of chaperone-mediated autophagy as a potential anticancer therapy. <i>Autophagy</i> , 2015, 11, 2370-2371.	9.1	18
144	Small molecule probes for cellular death machines. <i>Current Opinion in Chemical Biology</i> , 2017, 39, 74-82.	6.1	18

#	ARTICLE	IF	CITATIONS
145	ABIN-1 heterozygosity sensitizes to innate immune response in both RIPK1-dependent and RIPK1-independent manner. <i>Cell Death and Differentiation</i> , 2019, 26, 1077-1088.	11.2	18
146	Nuclear RIPK1 promotes chromatin remodeling to mediate inflammatory response. <i>Cell Research</i> , 2022, 32, 621-637.	12.0	18
147	Optimization of tricyclic Nec-3 necroptosis inhibitors for in vitro liver microsomal stability. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5685-5688.	2.2	14
148	Discovery of a cooperative mode of inhibiting RIPK1 kinase. <i>Cell Discovery</i> , 2021, 7, 41.	6.7	14
149	Structure-activity relationship study of E6 as a novel necroptosis inducer. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3057-3061.	2.2	10
150	Caspase-11 Is Not Necessary for Chemotherapy-Induced Intestinal Mucositis. <i>DNA and Cell Biology</i> , 2004, 23, 490-495.	1.9	9
151	Caspase inhibition prolongs inflammation by promoting a signaling complex with activated RIPK1. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	9
152	PINK1 mediates neuronal survival in monkey. <i>Protein and Cell</i> , 2022, 13, 4-5.	11.0	9
153	Quantitative analysis of phosphoproteome in necroptosis reveals a role of TRIM28 phosphorylation in promoting necroptosis-induced cytokine production. <i>Cell Death and Disease</i> , 2021, 12, 994.	6.3	7
154	Synthetic Study of Substituted Arylsulfonylphenylbenzamides. <i>Synthetic Communications</i> , 2005, 35, 55-66.	2.1	6
155	Diphenylbutylpiperidine-based cell autophagy inducers: Design, synthesis and SAR studies. <i>MedChemComm</i> , 2011, 2, 315.	3.4	5
156	A degradative detour for mutant TP53. <i>Autophagy</i> , 2013, 9, 2158-2160.	9.1	5
157	RIPK1 and RIPK3 form mosaic necrosomes. <i>Nature Cell Biology</i> , 2022, 24, 406-407.	10.3	5
158	Endoplasmic Reticulum Stress Response in Cell Death and Cell Survival. , 0, , 51-62.		3
159	Expression of Apogens and Engulfens during Programmed Cell Death in the Nervous System of the Chick Embryo.. <i>Archives of Histology and Cytology</i> , 1995, 58, 243-248.	0.2	2
160	A new savior for neurons. <i>Nature Neuroscience</i> , 1999, 2, 930-932.	14.8	2
161	Inducing autophagy harmlessly. <i>Autophagy</i> , 2008, 4, 249-250.	9.1	2
162	Systematic Metrics Depicting Cell Death Kinetics. <i>Cell Chemical Biology</i> , 2017, 24, 785-786.	5.2	1

#	ARTICLE	IF	CITATIONS
163	The roads to Stockholm: On the 2002 Nobel Prize in Physiology or Medicine. <i>Science Bulletin</i> , 2003, 48, 215-216.	1.7	0
164	Cell Death in Nervous System Development and Neurological Disease. , 0, , 123-134.		0
165	Studying mechanisms of cell death: from apoptosis to necrosis. <i>FASEB Journal</i> , 2007, 21, A38.	0.5	0
166	Small molecule α - and β -switches for autophagy. <i>FASEB Journal</i> , 2012, 26, 220.2.	0.5	0
167	Degradation of HK2 by chaperone-mediated autophagy promotes metabolic catastrophe and cell death. <i>Journal of Experimental Medicine</i> , 2015, 212, 2121001A79.	8.5	0
168	Necroptosis activates UPR sensors without disrupting their binding with GRP78. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	0
169	Visualizing Endogenous Necrosomes in Necrosomes by <i>In Situ</i> Proximity Ligation Assay. <i>Current Protocols</i> , 2022, 2, e388.	2.9	0