

Daolin Tang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

265
papers

34,469
citations

79
h-index

184
g-index

285
ext. papers

46,720
ext. citations

8.8
avg, IF

7.75
L-index

#	Paper	IF	Citations
265	Mitochondrial ACOD1/IRG1 in infection and sterile inflammation. <i>Journal of Intensive Medicine</i> , 2022 ,		0
264	Cell death: machinery and regulation 2022 , 47-64		0
263	Heterodimeric RGD-NGR PET Tracer for the Early Detection of Pancreatic Cancer.. <i>Molecular Imaging and Biology</i> , 2022 , 1	3.8	1
262	The mechanism of HMGB1 secretion and release.. <i>Experimental and Molecular Medicine</i> , 2022 ,	12.8	12
261	Cuproptosis: a copper-triggered modality of mitochondrial cell death.. <i>Cell Research</i> , 2022 ,	24.7	24
260	STING1 in Different Organelles: Location Dictates Function.. <i>Frontiers in Immunology</i> , 2022 , 13, 842489	8.4	0
259	AUF1 protects against ferroptosis to alleviate sepsis-induced acute lung injury by regulating NRF2 and ATF3.. <i>Cellular and Molecular Life Sciences</i> , 2022 , 79, 228	10.3	4
258	Cyclophosphamide-induced GPX4 degradation triggers parthanatos by activating AIFM1.. <i>Biochemical and Biophysical Research Communications</i> , 2022 , 606, 68-74	3.4	1
257	Identification of HPCAL1 as a specific autophagy receptor involved in ferroptosis.. <i>Autophagy</i> , 2022 , 1-21	10.2	1
256	HSP90 mediates IFN γ induced adaptive resistance to anti-PD-1 immunotherapy.. <i>Cancer Research</i> , 2022 ,	10.1	2
255	Targeting HSP90 sensitizes pancreas carcinoma to PD-1 blockade.. <i>Oncotarget</i> , 2022 , 11, 2068488	7.2	1
254	HSP90 as an emerging barrier to immune checkpoint blockade therapy.. <i>Oncoscience</i> , 2022 , 9, 20-22	0.8	0
253	The Art of War: Ferroptosis and Pancreatic Cancer.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 773909	5.6	1
252	The role of ferroptosis in lung cancer. <i>Biomarker Research</i> , 2021 , 9, 82	8	3
251	Serpinc1 Acts as a Tumor Suppressor in Hepatocellular Carcinoma Through Inducing Apoptosis and Blocking Macrophage Polarization in an Ubiquitin-Proteasome Manner. <i>Frontiers in Oncology</i> , 2021 , 11, 738607	5.3	0
250	The Versatile Gasdermin Family: Their Function and Roles in Diseases. <i>Frontiers in Immunology</i> , 2021 , 12, 751533	8.4	10
249	Post-transcriptional regulation of is a critical node that modulates autophagy during distinct nutrient stresses. <i>Autophagy</i> , 2021 , 1-21	10.2	2

248	Oncogenic KRAS blockade therapy: renewed enthusiasm and persistent challenges. <i>Molecular Cancer</i> , 2021 , 20, 128	42.1	10
247	Itaconic acid induces ferroptosis by activating ferritinophagy. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 583, 56-62	3.4	2
246	Regulation and function of autophagy in pancreatic cancer. <i>Autophagy</i> , 2021 , 17, 3275-3296	10.2	37
245	Ferroptosis: machinery and regulation. <i>Autophagy</i> , 2021 , 17, 2054-2081	10.2	131
244	Inflammasome-Dependent Coagulation Activation in Sepsis. <i>Frontiers in Immunology</i> , 2021 , 12, 641750	8.4	12
243	Pharmacological Modulation of BET Family in Sepsis. <i>Frontiers in Pharmacology</i> , 2021 , 12, 642294	5.6	2
242	Ion Channels and Transporters in Autophagy. <i>Autophagy</i> , 2021 , 1-20	10.2	3
241	Targeting Ubiquitin-Proteasome System With Copper Complexes for Cancer Therapy. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 649151	5.6	5
240	The cGAS-STING pathway connects mitochondrial damage to inflammation in burn-induced acute lung injury in rat. <i>Burns</i> , 2021 ,	2.3	2
239	The dual role of ferroptosis in pancreatic cancer: a narrative review. <i>Journal of Pancreatology</i> , 2021 , 4, 76-81	1.9	2
238	Lipid Metabolism in Ferroptosis. <i>Advanced Biology</i> , 2021 , 5, e2100396		13
237	Ferroptosis in infection, inflammation, and immunity. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	41
236	The HMGB1-AGER-STING1 pathway mediates the sterile inflammatory response to alkaliptosis. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 560, 165-171	3.4	2
235	Emerging mechanisms of immunocoagulation in sepsis and septic shock. <i>Trends in Immunology</i> , 2021 , 42, 508-522	14.4	7
234	A new role of GRP75-USP1-SIX1 protein complex in driving prostate cancer progression and castration resistance. <i>Oncogene</i> , 2021 , 40, 4291-4306	9.2	3
233	Bilirubin Restrains the Anticancer Effect of Vemurafenib on BRAF-Mutant Melanoma Cells Through ERK-MNK1 Signaling. <i>Frontiers in Oncology</i> , 2021 , 11, 698888	5.3	1
232	Signaling pathways and defense mechanisms of ferroptosis. <i>FEBS Journal</i> , 2021 ,	5.7	22
231	STING1 Promotes Ferroptosis Through MFN1/2-Dependent Mitochondrial Fusion. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 698679	5.7	15

230	MGST1 is a redox-sensitive repressor of ferroptosis in pancreatic cancer cells. <i>Cell Chemical Biology</i> , 2021 , 28, 765-775.e5	8.2	28
229	USP1-dependent RPS16 protein stability drives growth and metastasis of human hepatocellular carcinoma cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021 , 40, 201	12.8	4
228	The STING1 network regulates autophagy and cell death. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 208	21	17
227	Mitochondrial DNA stress triggers autophagy-dependent ferroptotic death. <i>Autophagy</i> , 2021 , 17, 948-960.2	10.2	68
226	Interplay between MTOR and GPX4 signaling modulates autophagy-dependent ferroptotic cancer cell death. <i>Cancer Gene Therapy</i> , 2021 , 28, 55-63	5.4	50
225	CDK1/2/5 inhibition overcomes IFNG-mediated adaptive immune resistance in pancreatic cancer. <i>Gut</i> , 2021 , 70, 890-899	19.2	25
224	Ferroptosis: molecular mechanisms and health implications. <i>Cell Research</i> , 2021 , 31, 107-125	24.7	287
223	Monitoring autophagy-dependent ferroptosis. <i>Methods in Cell Biology</i> , 2021 , 165, 163-176	1.8	1
222	CDK1/2/5 blockade: killing two birds with one stone. <i>Oncotmunology</i> , 2021 , 10, 1875612	7.2	1
221	Broadening horizons: the role of ferroptosis in cancer. <i>Nature Reviews Clinical Oncology</i> , 2021 , 18, 280-296.4	16.4	272
220	Tumor heterogeneity in autophagy-dependent ferroptosis. <i>Autophagy</i> , 2021 , 17, 3361-3374	10.2	30
219	Characteristics and Biomarkers of Ferroptosis. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 637167	16.7	51
218	PDK4 dictates metabolic resistance to ferroptosis by suppressing pyruvate oxidation and fatty acid synthesis. <i>Cell Reports</i> , 2021 , 34, 108767	10.6	35
217	Mitophagy in Pancreatic Cancer. <i>Frontiers in Oncology</i> , 2021 , 11, 616079	5.3	2
216	Metabolic checkpoint of ferroptosis resistance. <i>Molecular and Cellular Oncology</i> , 2021 , 8, 1901558	1.2	0
215	Ferroptosis by Lipid Peroxidation: The Tip of the Iceberg?. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 646890	5.7	1
214	Targeting NF- κ B-dependent alkaliptosis for the treatment of venetoclax-resistant acute myeloid leukemia cells. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 562, 55-61	3.4	4
213	Cellular and molecular mechanisms of perineural invasion of pancreatic ductal adenocarcinoma. <i>Cancer Communications</i> , 2021 , 41, 642-660	9.4	8

212	Cell death in pancreatic cancer: from pathogenesis to therapy. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021 , 18, 804-823	24.2	27
211	Ferritinophagy and ferroptosis in the management of metabolic diseases. <i>Trends in Endocrinology and Metabolism</i> , 2021 , 32, 444-462	8.8	30
210	SMG9 drives ferroptosis by directly inhibiting GPX4 degradation. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 567, 92-98	3.4	6
209	Pathological Significance and Prognostic Roles of Indirect Bilirubin/Albumin Ratio in Hepatic Encephalopathy. <i>Frontiers in Medicine</i> , 2021 , 8, 706407	4.9	0
208	Organelle-specific regulation of ferroptosis. <i>Cell Death and Differentiation</i> , 2021 , 28, 2843-2856	12.7	14
207	Trypsin-Mediated Sensitization to Ferroptosis Increases the Severity of Pancreatitis in Mice. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021 ,	7.9	8
206	PPARG-mediated ferroptosis in dendritic cells limits antitumor immunity. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 576, 33-39	3.4	4
205	NUPR1 inhibitor ZZW-115 induces ferroptosis in a mitochondria-dependent manner. <i>Cell Death Discovery</i> , 2021 , 7, 269	6.9	3
204	Targeting ferroptosis in pancreatic cancer: a double-edged sword. <i>Trends in Cancer</i> , 2021 , 7, 891-901	12.5	12
203	Ferroptosis, free radicals, and cancer 2021 , 149-158		1
202	The dark side of ferroptosis in pancreatic cancer. <i>Oncotmunology</i> , 2021 , 10, 1868691	7.2	9
201	Pirin is a nuclear redox-sensitive modulator of autophagy-dependent ferroptosis. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 536, 100-106	3.4	11
200	Cellular degradation systems in ferroptosis. <i>Cell Death and Differentiation</i> , 2021 , 28, 1135-1148	12.7	70
199	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , 2021 , 17, 1-382	10.2	440
198	NUPR1 is a critical repressor of ferroptosis. <i>Nature Communications</i> , 2021 , 12, 647	17.4	37
197	The BET family in immunity and disease. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 23	21	32
196	DCN released from ferroptotic cells ignites AGER-dependent immune responses.. <i>Autophagy</i> , 2021 , 1-14	10.2	2
195	HMGB1 as a potential biomarker and therapeutic target for severe COVID-19. <i>Heliyon</i> , 2020 , 6, e05672	3.6	50

194	Ferroptotic damage promotes pancreatic tumorigenesis through a TMEM173/STING-dependent DNA sensor pathway. <i>Nature Communications</i> , 2020 , 11, 6339	17.4	72
193	Ferroptosis. <i>Current Biology</i> , 2020 , 30, R1292-R1297	6.3	84
192	Duloxetine-Induced Neural Cell Death and Promoted Neurite Outgrowth in N2a Cells. <i>Neurotoxicity Research</i> , 2020 , 38, 859-870	4.3	0
191	Interplay Between Lipid Metabolism and Autophagy. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 431	5.7	45
190	Autophagy-Dependent Ferroptosis: Machinery and Regulation. <i>Cell Chemical Biology</i> , 2020 , 27, 420-435	8.2	150
189	Transcription factors in ferroptotic cell death. <i>Cancer Gene Therapy</i> , 2020 , 27, 645-656	5.4	54
188	A Randomized Phase II Preoperative Study of Autophagy Inhibition with High-Dose Hydroxychloroquine and Gemcitabine/Nab-Paclitaxel in Pancreatic Cancer Patients. <i>Clinical Cancer Research</i> , 2020 , 26, 3126-3134	12.9	64
187	Targeting GRP78-dependent AR-V7 protein degradation overcomes castration-resistance in prostate cancer therapy. <i>Theranostics</i> , 2020 , 10, 3366-3381	12.1	29
186	TMEM173 Drives Lethal Coagulation in Sepsis. <i>Cell Host and Microbe</i> , 2020 , 27, 556-570.e6	23.4	53
185	ACOD1 in immunometabolism and disease. <i>Cellular and Molecular Immunology</i> , 2020 , 17, 822-833	15.4	25
184	Broad Spectrum Deubiquitinase Inhibition Induces Both Apoptosis and Ferroptosis in Cancer Cells. <i>Frontiers in Oncology</i> , 2020 , 10, 949	5.3	16
183	The Multifaceted Effects of Autophagy on the Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1225, 99-114	3.6	9
182	The circadian clock protects against ferroptosis-induced sterile inflammation. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 525, 620-625	3.4	19
181	Correlation of Long Noncoding RNA SEMA6A-AS1 Expression with Clinical Outcome in HBV-Related Hepatocellular Carcinoma. <i>Clinical Therapeutics</i> , 2020 , 42, 439-447	3.5	7
180	AIFM2 blocks ferroptosis independent of ubiquinol metabolism. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 523, 966-971	3.4	54
179	Strategic plan for management of COVID-19 in paediatric haematology and oncology departments. <i>Lancet Haematology</i> , 2020 , 7, e359-e362	14.6	17
178	Consensus guidelines for the definition, detection and interpretation of immunogenic cell death 2020 , 8,		233
177	The hallmarks of COVID-19 disease. <i>PLoS Pathogens</i> , 2020 , 16, e1008536	7.6	200

176	Autophagy-dependent ferroptosis drives tumor-associated macrophage polarization via release and uptake of oncogenic KRAS protein. <i>Autophagy</i> , 2020 , 16, 2069-2083	10.2	125
175	Long non-coding RNA SNHG5 regulates chemotherapy resistance through the miR-32/DNAJB9 axis in acute myeloid leukemia. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 123, 109802	7.5	15
174	ESCRT-III-dependent membrane repair blocks ferroptosis. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 522, 415-421	3.4	53
173	NEDD4L-mediated LTF protein degradation limits ferroptosis. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 531, 581-587	3.4	32
172	Extracellular SQSTM1 mediates bacterial septic death in mice through insulin receptor signalling. <i>Nature Microbiology</i> , 2020 , 5, 1576-1587	26.6	17
171	Oxidative Damage and Antioxidant Defense in Ferroptosis. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 586578	5.7	79
170	Cathepsin B is a mediator of organelle-specific initiation of ferroptosis. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 533, 1464-1469	3.4	20
169	Iron Metabolism in Ferroptosis. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 590226	5.7	92
168	Peroxisome: the new player in ferroptosis. <i>Signal Transduction and Targeted Therapy</i> , 2020 , 5, 273	21	13
167	Mitophagy Receptors in Tumor Biology. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 594203	5.7	14
166	Chloroquine in fighting COVID-19: good, bad, or both?. <i>Autophagy</i> , 2020 , 16, 2273-2275	10.2	9
165	Extracellular SQSTM1 as an inflammatory mediator. <i>Autophagy</i> , 2020 , 16, 2313-2315	10.2	6
164	Notch signaling protects CD4 T cells from STING-mediated apoptosis during acute systemic inflammation. <i>Science Advances</i> , 2020 , 6,	14.3	17
163	Damage-Associated Molecular Patterns and the Systemic Immune Consequences of Severe Thermal Injury. <i>Journal of Immunology</i> , 2020 , 205, 1189-1197	5.3	8
162	DUSP1 Blocks autophagy-dependent ferroptosis in pancreatic cancer. <i>Journal of Pancreatology</i> , 2020 , 3, 154-160	1.9	17
161	Ferroptosis is a type of autophagy-dependent cell death. <i>Seminars in Cancer Biology</i> , 2020 , 66, 89-100	12.7	215
160	Autophagic degradation of the circadian clock regulator promotes ferroptosis. <i>Autophagy</i> , 2019 , 15, 2033-2035	10.2	47
159	Parkin facilitates proteasome inhibitor-induced apoptosis via suppression of NF- κ B activity in hepatocellular carcinoma. <i>Cell Death and Disease</i> , 2019 , 10, 719	9.8	15

158	The release and activity of HMGB1 in ferroptosis. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 510, 278-283	3.4	140
157	The HBx-CTTN interaction promotes cell proliferation and migration of hepatocellular carcinoma via CREB1. <i>Cell Death and Disease</i> , 2019 , 10, 405	9.8	19
156	cAMP metabolism controls caspase-11 inflammasome activation and pyroptosis in sepsis. <i>Science Advances</i> , 2019 , 5, eaav5562	14.3	46
155	USP10 modulates the SKP2/Bcr-Abl axis via stabilizing SKP2 in chronic myeloid leukemia. <i>Cell Discovery</i> , 2019 , 5, 24	22.3	42
154	Extracellular HMGB1 prevents necroptosis in acute myeloid leukemia cells. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 112, 108714	7.5	12
153	The molecular machinery of regulated cell death. <i>Cell Research</i> , 2019 , 29, 347-364	24.7	583
152	The tumor suppressor protein p53 and the ferroptosis network. <i>Free Radical Biology and Medicine</i> , 2019 , 133, 162-168	7.8	159
151	AGER-Mediated Lipid Peroxidation Drives Caspase-11 Inflammasome Activation in Sepsis. <i>Frontiers in Immunology</i> , 2019 , 10, 1904	8.4	13
150	DNA released from neutrophil extracellular traps (NETs) activates pancreatic stellate cells and enhances pancreatic tumor growth. <i>Oncolmmunology</i> , 2019 , 8, e1605822	7.2	39
149	Clockophagy is a novel selective autophagy process favoring ferroptosis. <i>Science Advances</i> , 2019 , 5, eaaw1238	12.3	137
148	Regulation and Function of Autophagy During Ferroptosis 2019 , 43-59		2
147	Heat Shock Proteins: Endogenous Modulators of Ferroptosis 2019 , 61-81		2
146	The Flavone Baicalein and Its Use in Gastrointestinal Disease 2019 , 145-155		1
145	Lipid storage and lipophagy regulates ferroptosis. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 508, 997-1003	3.4	123
144	Mitochondrial quality control mediated by PINK1 and PRKN: links to iron metabolism and tumor immunity. <i>Autophagy</i> , 2019 , 15, 172-173	10.2	26
143	TFAM is a novel mediator of immunogenic cancer cell death. <i>Oncolmmunology</i> , 2018 , 7, e1431086	7.2	23
142	Growth arrest and apoptosis induction in androgen receptor-positive human breast cancer cells by inhibition of USP14-mediated androgen receptor deubiquitination. <i>Oncogene</i> , 2018 , 37, 1896-1910	9.2	61
141	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018 , 25, 486-541	12.7	2160

140	JTC801 Induces pH-dependent Death Specifically in Cancer Cells and Slows Growth of Tumors in Mice. <i>Gastroenterology</i> , 2018 , 154, 1480-1493	13.3	48
139	Crosstalk between hepatitis B virus X and high-mobility group box 1 facilitates autophagy in hepatocytes. <i>Molecular Oncology</i> , 2018 , 12, 322-338	7.9	24
138	Extracellular DNA promotes colorectal tumor cell survival after cytotoxic chemotherapy. <i>Journal of Surgical Research</i> , 2018 , 226, 181-191	2.5	17
137	Ferroptosis is a lysosomal cell death process. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 503, 1550-1556	3.4	90
136	The ferroptosis inducer erastin promotes proliferation and differentiation in human peripheral blood mononuclear cells. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 503, 1689-1695	3.4	20
135	AMPK-Mediated BECN1 Phosphorylation Promotes Ferroptosis by Directly Blocking System X Activity. <i>Current Biology</i> , 2018 , 28, 2388-2399.e5	6.3	234
134	The Circadian Clock Controls Immune Checkpoint Pathway in Sepsis. <i>Cell Reports</i> , 2018 , 24, 366-378	10.6	65
133	BECN1 is a new driver of ferroptosis. <i>Autophagy</i> , 2018 , 14, 2173-2175	10.2	59
132	PINK1 and PARK2 Suppress Pancreatic Tumorigenesis through Control of Mitochondrial Iron-Mediated Immunometabolism. <i>Developmental Cell</i> , 2018 , 46, 441-455.e8	10.2	107
131	RAGE-specific single chain Fv for PET imaging of pancreatic cancer. <i>PLoS ONE</i> , 2018 , 13, e0192821	3.7	4
130	Lipid Peroxidation Drives Gasdermin D-Mediated Pyroptosis in Lethal Polymicrobial Sepsis. <i>Cell Host and Microbe</i> , 2018 , 24, 97-108.e4	23.4	206
129	The Dual Role of HMGB1 in Pancreatic Cancer. <i>Journal of Pancreatology</i> , 2018 , 1, 19-24	1.9	2
128	AMPK regulates immunometabolism in sepsis. <i>Brain, Behavior, and Immunity</i> , 2018 , 72, 89-100	16.6	20
127	High mobility group protein B1 controls liver cancer initiation through yes-associated protein -dependent aerobic glycolysis. <i>Hepatology</i> , 2018 , 67, 1823-1841	11.2	63
126	The dual role of HMGB1 in pancreatic cancer. <i>Journal of Pancreatology</i> , 2018 , 1, 19-24	1.9	4
125	A novel lncRNA, TCONS_00006195, represses hepatocellular carcinoma progression by inhibiting enzymatic activity of ENO1. <i>Cell Death and Disease</i> , 2018 , 9, 1184	9.8	31
124	The Endotoxin Delivery Protein HMGB1 Mediates Caspase-11-Dependent Lethality in Sepsis. <i>Immunity</i> , 2018 , 49, 740-753.e7	32.3	217
123	Circular RNA 101368/miR-200a axis modulates the migration of hepatocellular carcinoma through HMGB1/RAGE signaling. <i>Cell Cycle</i> , 2018 , 17, 2349-2359	4.7	40

122	The STING-STAT6 pathway drives Cas9-induced host response in human monocytes. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 506, 278-283	3.4	4
121	HSPA5 Regulates Ferroptotic Cell Death in Cancer Cells. <i>Cancer Research</i> , 2017 , 77, 2064-2077	10.1	181
120	The long non-coding RNA TP73-AS1 modulates HCC cell proliferation through miR-200a-dependent HMGB1/RAGE regulation. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017 , 36, 51	12.8	102
119	Assessment of Posttranslational Modifications of ATG proteins. <i>Methods in Enzymology</i> , 2017 , 587, 171-188	18.8	3
118	Autophagy and Ferroptosis - What's the Connection?. <i>Current Pathobiology Reports</i> , 2017 , 5, 153-159	2	78
117	Intracellular HMGB1 as a novel tumor suppressor of pancreatic cancer. <i>Cell Research</i> , 2017 , 27, 916-932	24.7	76
116	Ferroptosis: A Regulated Cell Death Nexus Linking Metabolism, Redox Biology, and Disease. <i>Cell</i> , 2017 , 171, 273-285	56.2	1985
115	ALK is a therapeutic target for lethal sepsis. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	58
114	Metal-based proteasomal deubiquitinase inhibitors as potential anticancer agents. <i>Cancer and Metastasis Reviews</i> , 2017 , 36, 655-668	9.6	28
113	Inhibition of Aurora Kinase A Induces Necroptosis in Pancreatic Carcinoma. <i>Gastroenterology</i> , 2017 , 153, 1429-1443.e5	13.3	69
112	The Tumor Suppressor p53 Limits Ferroptosis by Blocking DPP4 Activity. <i>Cell Reports</i> , 2017 , 20, 1692-1704	14.6	313
111	Nuclear DAMPs in Hepatic Injury and Inflammation 2017 , 133-158		
110	High-Mobility Group Box 1 and Autophagy 2016 ,		1
109	What Is the Pathobiology of Inflammation to Cell Death? Apoptosis, Necrosis, Necroptosis, Autophagic Cell Death, Pyroptosis, and NETosis 2016 , 81-106		4
108	Identification of ACSL4 as a biomarker and contributor of ferroptosis. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 478, 1338-43	3.4	310
107	CISD1 inhibits ferroptosis by protection against mitochondrial lipid peroxidation. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 478, 838-44	3.4	192
106	FANCD2 protects against bone marrow injury from ferroptosis. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 480, 443-449	3.4	76
105	PKM2-dependent glycolysis promotes NLRP3 and AIM2 inflammasome activation. <i>Nature Communications</i> , 2016 , 7, 13280	17.4	210

104	A novel PINK1- and PARK2-dependent protective neuroimmune pathway in lethal sepsis. <i>Autophagy</i> , 2016 , 12, 2374-2385	10.2	53
103	The Combination of CRISPR/Cas9 and iPSC Technologies in the Gene Therapy of Human β -thalassemia in Mice. <i>Scientific Reports</i> , 2016 , 6, 32463	4.9	51
102	Antiferroptotic activity of non-oxidative dopamine. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 480, 602-607	3.4	35
101	Metallothionein-1G facilitates sorafenib resistance through inhibition of ferroptosis. <i>Hepatology</i> , 2016 , 64, 488-500	11.2	264
100	Autophagy promotes ferroptosis by degradation of ferritin. <i>Autophagy</i> , 2016 , 12, 1425-8	10.2	637
99	Ferroptosis: process and function. <i>Cell Death and Differentiation</i> , 2016 , 23, 369-79	12.7	1173
98	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
97	Effect of 5-fluorouracil on membranous PD-L1 expression in colon cancer cells.. <i>Journal of Clinical Oncology</i> , 2016 , 34, 592-592	2.2	5
96	Novel chemokine-like activities of histones in tumor metastasis. <i>Oncotarget</i> , 2016 , 7, 61728-61740	3.3	9
95	Role of the Beclin 1 Network in the Cross-Regulation Between Autophagy and Apoptosis 2016 , 75-88		2
94	Autophagy Regulation by HMGB1 in Disease 2016 , 173-185		0
93	Plumbagin Protects Mice from Lethal Sepsis by Modulating Immunometabolism Upstream of PKM2. <i>Molecular Medicine</i> , 2016 , 22, 162-172	6.2	25
92	5-Fluorouracil upregulates cell surface B7-H1 (PD-L1) expression in gastrointestinal cancers 2016 , 4, 65		66
91	Identification of baicalein as a ferroptosis inhibitor by natural product library screening. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 473, 775-780	3.4	110
90	The Receptor for Advanced Glycation End Products Activates the AIM2 Inflammasome in Acute Pancreatitis. <i>Journal of Immunology</i> , 2016 , 196, 4331-7	5.3	39
89	Activation of the p62-Keap1-NRF2 pathway protects against ferroptosis in hepatocellular carcinoma cells. <i>Hepatology</i> , 2016 , 63, 173-84	11.2	676
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