

# Daolin Tang

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/3307085/daolin-tang-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
264	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544	10.2	2783
263	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , <b>2018</b> , 25, 486-541	12.7	2160
262	Ferroptosis: A Regulated Cell Death Nexus Linking Metabolism, Redox Biology, and Disease. <i>Cell</i> , <b>2017</b> , 171, 273-285	56.2	1985
261	The Beclin 1 network regulates autophagy and apoptosis. <i>Cell Death and Differentiation</i> , <b>2011</b> , 18, 571-80	2.7	1602
260	Ferroptosis: process and function. <i>Cell Death and Differentiation</i> , <b>2016</b> , 23, 369-79	12.7	1173
259	Activation of the p62-Keap1-NRF2 pathway protects against ferroptosis in hepatocellular carcinoma cells. <i>Hepatology</i> , <b>2016</b> , 63, 173-84	11.2	676
258	Endogenous HMGB1 regulates autophagy. <i>Journal of Cell Biology</i> , <b>2010</b> , 190, 881-92	7.3	673
257	PAMPs and DAMPs: signal 0s that spur autophagy and immunity. <i>Immunological Reviews</i> , <b>2012</b> , 249, 158-75	7.3	661
256	Autophagy promotes ferroptosis by degradation of ferritin. <i>Autophagy</i> , <b>2016</b> , 12, 1425-8	10.2	637
255	The molecular machinery of regulated cell death. <i>Cell Research</i> , <b>2019</b> , 29, 347-364	24.7	583
254	HMGB1 in health and disease. <i>Molecular Aspects of Medicine</i> , <b>2014</b> , 40, 1-116	16.7	557
253	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , <b>2021</b> , 17, 1-382	10.2	440
252	High-mobility group box 1 and cancer. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , <b>2010</b> , 1799, 131-40	6	396
251	RAGE (Receptor for Advanced Glycation Endproducts), RAGE ligands, and their role in cancer and inflammation. <i>Journal of Translational Medicine</i> , <b>2009</b> , 7, 17	8.5	386
250	High-mobility group box 1, oxidative stress, and disease. <i>Antioxidants and Redox Signaling</i> , <b>2011</b> , 14, 1315-25	8.35	368
249	HMGB1 release and redox regulates autophagy and apoptosis in cancer cells. <i>Oncogene</i> , <b>2010</b> , 29, 5299-310	3.10	362

248	HMGB1 in cancer: good, bad, or both?. <i>Clinical Cancer Research</i> , <b>2013</b> , 19, 4046-57	12.9	327
247	The Tumor Suppressor p53 Limits Ferroptosis by Blocking DPP4 Activity. <i>Cell Reports</i> , <b>2017</b> , 20, 1692-1704	14.6	313
246	Identification of ACSL4 as a biomarker and contributor of ferroptosis. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 478, 1338-43	3.4	310
245	Ferroptosis: molecular mechanisms and health implications. <i>Cell Research</i> , <b>2021</b> , 31, 107-125	24.7	287
244	Broadening horizons: the role of ferroptosis in cancer. <i>Nature Reviews Clinical Oncology</i> , <b>2021</b> , 18, 280-296	19.4	272
243	Metallothionein-1G facilitates sorafenib resistance through inhibition of ferroptosis. <i>Hepatology</i> , <b>2016</b> , 64, 488-500	11.2	264
242	HSPB1 as a novel regulator of ferroptotic cancer cell death. <i>Oncogene</i> , <b>2015</b> , 34, 5617-25	9.2	257
241	Release and activity of histone in diseases. <i>Cell Death and Disease</i> , <b>2014</b> , 5, e1370	9.8	243
240	PKM2 regulates the Warburg effect and promotes HMGB1 release in sepsis. <i>Nature Communications</i> , <b>2014</b> , 5, 4436	17.4	241
239	The receptor for advanced glycation end products (RAGE) sustains autophagy and limits apoptosis, promoting pancreatic tumor cell survival. <i>Cell Death and Differentiation</i> , <b>2010</b> , 17, 666-76	12.7	240
238	AMPK-Mediated BECN1 Phosphorylation Promotes Ferroptosis by Directly Blocking System X Activity. <i>Current Biology</i> , <b>2018</b> , 28, 2388-2399.e5	6.3	234
237	Consensus guidelines for the definition, detection and interpretation of immunogenic cell death <b>2020</b> , 8,		233
236	Hydrogen peroxide stimulates macrophages and monocytes to actively release HMGB1. <i>Journal of Leukocyte Biology</i> , <b>2007</b> , 81, 741-7	6.5	225
235	The Endotoxin Delivery Protein HMGB1 Mediates Caspase-11-Dependent Lethality in Sepsis. <i>Immunity</i> , <b>2018</b> , 49, 740-753.e7	32.3	217
234	Ferroptosis is a type of autophagy-dependent cell death. <i>Seminars in Cancer Biology</i> , <b>2020</b> , 66, 89-100	12.7	215
233	High-mobility group box 1 is essential for mitochondrial quality control. <i>Cell Metabolism</i> , <b>2011</b> , 13, 701-114	14.6	213
232	PKM2-dependent glycolysis promotes NLRP3 and AIM2 inflammasome activation. <i>Nature Communications</i> , <b>2016</b> , 7, 13280	17.4	210
231	HMGB1 promotes drug resistance in osteosarcoma. <i>Cancer Research</i> , <b>2012</b> , 72, 230-8	10.1	210

230	Lipid Peroxidation Drives Gasdermin D-Mediated Pyroptosis in Lethal Polymicrobial Sepsis. <i>Cell Host and Microbe</i> , <b>2018</b> , 24, 97-108.e4	23.4	206
229	The hallmarks of COVID-19 disease. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008536	7.6	200
228	HMGB1-induced autophagy promotes chemotherapy resistance in leukemia cells. <i>Leukemia</i> , <b>2011</b> , 25, 23-31	10.7	198
227	Posttranslational modification of autophagy-related proteins in macroautophagy. <i>Autophagy</i> , <b>2015</b> , 11, 28-45	10.2	196
226	CISD1 inhibits ferroptosis by protection against mitochondrial lipid peroxidation. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 478, 838-44	3.4	192
225	The ferroptosis inducer erastin enhances sensitivity of acute myeloid leukemia cells to chemotherapeutic agents. <i>Molecular and Cellular Oncology</i> , <b>2015</b> , 2, e1054549	1.2	186
224	HSPA5 Regulates Ferroptotic Cell Death in Cancer Cells. <i>Cancer Research</i> , <b>2017</b> , 77, 2064-2077	10.1	181
223	p53/HMGB1 complexes regulate autophagy and apoptosis. <i>Cancer Research</i> , <b>2012</b> , 72, 1996-2005	10.1	181
222	Targeting microRNA-30a-mediated autophagy enhances imatinib activity against human chronic myeloid leukemia cells. <i>Leukemia</i> , <b>2012</b> , 26, 1752-60	10.7	161
221	The tumor suppressor protein p53 and the ferroptosis network. <i>Free Radical Biology and Medicine</i> , <b>2019</b> , 133, 162-168	7.8	159
220	The HMGB1/RAGE inflammatory pathway promotes pancreatic tumor growth by regulating mitochondrial bioenergetics. <i>Oncogene</i> , <b>2014</b> , 33, 567-77	9.2	157
219	HMGB1: a novel Beclin 1-binding protein active in autophagy. <i>Autophagy</i> , <b>2010</b> , 6, 1209-11	10.2	153
218	Intracellular Hmgb1 inhibits inflammatory nucleosome release and limits acute pancreatitis in mice. <i>Gastroenterology</i> , <b>2014</b> , 146, 1097-107	13.3	151
217	Autophagy-Dependent Ferroptosis: Machinery and Regulation. <i>Cell Chemical Biology</i> , <b>2020</b> , 27, 420-435	8.2	150
216	Oxidative stress-mediated HMGB1 biology. <i>Frontiers in Physiology</i> , <b>2015</b> , 6, 93	4.6	145
215	The release and activity of HMGB1 in ferroptosis. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 510, 278-283	3.4	140
214	Clockophagy is a novel selective autophagy process favoring ferroptosis. <i>Science Advances</i> , <b>2019</b> , 5, eaaw2238	14.9	137
213	Ferroptosis: machinery and regulation. <i>Autophagy</i> , <b>2021</b> , 17, 2054-2081	10.2	131

212	Hypoxia induced HMGB1 and mitochondrial DNA interactions mediate tumor growth in hepatocellular carcinoma through Toll-like receptor 9. <i>Journal of Hepatology</i> , <b>2015</b> , 63, 114-21	13.4	125
211	Autophagy-dependent ferroptosis drives tumor-associated macrophage polarization via release and uptake of oncogenic KRAS protein. <i>Autophagy</i> , <b>2020</b> , 16, 2069-2083	10.2	125
210	Lipid storage and lipophagy regulates ferroptosis. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 508, 997-1003	3.4	123
209	The expression of the receptor for advanced glycation endproducts (RAGE) is permissive for early pancreatic neoplasia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 7031-6	11.5	120
208	The anti-inflammatory effects of heat shock protein 72 involve inhibition of high-mobility-group box 1 release and proinflammatory function in macrophages. <i>Journal of Immunology</i> , <b>2007</b> , 179, 1236-44	5.3	120
207	Autophagy regulates myeloid cell differentiation by p62/SQSTM1-mediated degradation of PML-RAR $\alpha$ oncoprotein. <i>Autophagy</i> , <b>2011</b> , 7, 401-11	10.2	119
206	Autophagy inhibition in combination cancer treatment. <i>Current Opinion in Investigational Drugs</i> , <b>2009</b> , 10, 1269-79		118
205	Eat-me: autophagy, phagocytosis, and reactive oxygen species signaling. <i>Antioxidants and Redox Signaling</i> , <b>2013</b> , 18, 677-91	8.4	117
204	Identification of baicalein as a ferroptosis inhibitor by natural product library screening. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 473, 775-780	3.4	110
203	PINK1 and PARK2 Suppress Pancreatic Tumorigenesis through Control of Mitochondrial Iron-Mediated Immunometabolism. <i>Developmental Cell</i> , <b>2018</b> , 46, 441-455.e8	10.2	107
202	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> , <b>2017</b> , 36, 51	12.8	102
201	High mobility group box 1 (HMGB1) activates an autophagic response to oxidative stress. <i>Antioxidants and Redox Signaling</i> , <b>2011</b> , 15, 2185-95	8.4	102
200	DAMPs and autophagy: cellular adaptation to injury and unscheduled cell death. <i>Autophagy</i> , <b>2013</b> , 9, 451-8	10.2	96
199	MIR34A regulates autophagy and apoptosis by targeting HMGB1 in the retinoblastoma cell. <i>Autophagy</i> , <b>2014</b> , 10, 442-52	10.2	94
198	Quercetin prevents LPS-induced high-mobility group box 1 release and proinflammatory function. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2009</b> , 41, 651-60	5.7	92
197	Iron Metabolism in Ferroptosis. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 590226	5.7	92
196	The receptor for advanced glycation end products (RAGE) enhances autophagy and neutrophil extracellular traps in pancreatic cancer. <i>Cancer Gene Therapy</i> , <b>2015</b> , 22, 326-34	5.4	90
195	Ferroptosis is a lysosomal cell death process. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 503, 1550-1556	3.4	90

194	DAMPs, ageing, and cancer: The DAMP Hypothesis. <i>Ageing Research Reviews</i> , <b>2015</b> , 24, 3-16	12	89
193	Cell death and DAMPs in acute pancreatitis. <i>Molecular Medicine</i> , <b>2014</b> , 20, 466-77	6.2	85
192	Ferroptosis. <i>Current Biology</i> , <b>2020</b> , 30, R1292-R1297	6.3	84
191	Nuclear heat shock protein 72 as a negative regulator of oxidative stress (hydrogen peroxide)-induced HMGB1 cytoplasmic translocation and release. <i>Journal of Immunology</i> , <b>2007</b> , 178, 7376-84	5.3	82
190	Targeting HMGB1-mediated autophagy as a novel therapeutic strategy for osteosarcoma. <i>Autophagy</i> , <b>2012</b> , 8, 275-7	10.2	81
189	The inhibition of LPS-induced production of inflammatory cytokines by HSP70 involves inactivation of the NF-kappaB pathway but not the MAPK pathways. <i>Shock</i> , <b>2006</b> , 26, 277-84	3.4	81
188	Emerging role of high-mobility group box 1 (HMGB1) in liver diseases. <i>Molecular Medicine</i> , <b>2013</b> , 19, 357-66	6.6	80
187	Metabolic regulation by HMGB1-mediated autophagy and mitophagy. <i>Autophagy</i> , <b>2011</b> , 7, 1256-8	10.2	80
186	Oxidative Damage and Antioxidant Defense in Ferroptosis. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 586578	5.7	79
185	Autophagy and Ferroptosis - What's the Connection?. <i>Current Pathobiology Reports</i> , <b>2017</b> , 5, 153-159	2	78
184	Intracellular HMGB1 as a novel tumor suppressor of pancreatic cancer. <i>Cell Research</i> , <b>2017</b> , 27, 916-932	24.7	76
183	FANCD2 protects against bone marrow injury from ferroptosis. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 480, 443-449	3.4	76
182	The redox protein HMGB1 regulates cell death and survival in cancer treatment. <i>Autophagy</i> , <b>2010</b> , 6, 1181-3	10.2	76
181	Chloroquine inhibits HMGB1 inflammatory signaling and protects mice from lethal sepsis. <i>Biochemical Pharmacology</i> , <b>2013</b> , 86, 410-8	6	74
180	A Janus tale of two active high mobility group box 1 (HMGB1) redox states. <i>Molecular Medicine</i> , <b>2012</b> , 18, 1360-2	6.2	74
179	AGER/RAGE-mediated autophagy promotes pancreatic tumorigenesis and bioenergetics through the IL6-pSTAT3 pathway. <i>Autophagy</i> , <b>2012</b> , 8, 989-91	10.2	73
178	Ferroptotic damage promotes pancreatic tumorigenesis through a TMEM173/STING-dependent DNA sensor pathway. <i>Nature Communications</i> , <b>2020</b> , 11, 6339	17.4	72
177	Cellular degradation systems in ferroptosis. <i>Cell Death and Differentiation</i> , <b>2021</b> , 28, 1135-1148	12.7	70

176	Inhibition of Aurora Kinase A Induces Necroptosis in Pancreatic Carcinoma. <i>Gastroenterology</i> , <b>2017</b> , 153, 1429-1443.e5	13.3	69
175	PKR-dependent inflammatory signals. <i>Science Signaling</i> , <b>2012</b> , 5, pe47	8.8	69
174	High-Mobility Group Box 1 Promotes Hepatocellular Carcinoma Progression through miR-21-Mediated Matrix Metalloproteinase Activity. <i>Cancer Research</i> , <b>2015</b> , 75, 1645-56	10.1	68
173	Mitochondrial DNA stress triggers autophagy-dependent ferroptotic death. <i>Autophagy</i> , <b>2021</b> , 17, 948-960	10.2	68
172	microRNA 30A promotes autophagy in response to cancer therapy. <i>Autophagy</i> , <b>2012</b> , 8, 853-5	10.2	67
171	A pilot study to detect high mobility group box 1 and heat shock protein 72 in cerebrospinal fluid of pediatric patients with meningitis. <i>Critical Care Medicine</i> , <b>2008</b> , 36, 291-5	1.4	66
170	5-Fluorouracil upregulates cell surface B7-H1 (PD-L1) expression in gastrointestinal cancers <b>2016</b> , 4, 65		66
169	The Circadian Clock Controls Immune Checkpoint Pathway in Sepsis. <i>Cell Reports</i> , <b>2018</b> , 24, 366-378	10.6	65
168	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> , <b>2020</b> , 26, 3126-3134	12.9	64
167	HMGB1 as an autophagy sensor in oxidative stress. <i>Autophagy</i> , <b>2011</b> , 7, 904-6	10.2	64
166	The role of HMGB1-RAGE axis in migration and invasion of hepatocellular carcinoma cell lines. <i>Molecular and Cellular Biochemistry</i> , <b>2014</b> , 390, 271-80	4.2	63
165	DAMP-mediated autophagy contributes to drug resistance. <i>Autophagy</i> , <b>2011</b> , 7, 112-4	10.2	63
164	High mobility group protein B1 controls liver cancer initiation through yes-associated protein -dependent aerobic glycolysis. <i>Hepatology</i> , <b>2018</b> , 67, 1823-1841	11.2	63
163	RAGE regulates autophagy and apoptosis following oxidative injury. <i>Autophagy</i> , <b>2011</b> , 7, 442-4	10.2	62
162	The Receptor for Advanced Glycation End-products (RAGE) protects pancreatic tumor cells against oxidative injury. <i>Antioxidants and Redox Signaling</i> , <b>2011</b> , 15, 2175-84	8.4	62
161	Growth arrest and apoptosis induction in androgen receptor-positive human breast cancer cells by inhibition of USP14-mediated androgen receptor deubiquitination. <i>Oncogene</i> , <b>2018</b> , 37, 1896-1910	9.2	61
160	HMGB1-dependent and -independent autophagy. <i>Autophagy</i> , <b>2014</b> , 10, 1873-6	10.2	60
159	BECN1 is a new driver of ferroptosis. <i>Autophagy</i> , <b>2018</b> , 14, 2173-2175	10.2	59

158	Up-regulated autophagy by endogenous high mobility group box-1 promotes chemoresistance in leukemia cells. <i>Leukemia and Lymphoma</i> , <b>2012</b> , 53, 315-22	1.9	59
157	ALK is a therapeutic target for lethal sepsis. <i>Science Translational Medicine</i> , <b>2017</b> , 9,	17.5	58
156	S100A8 contributes to drug resistance by promoting autophagy in leukemia cells. <i>PLoS ONE</i> , <b>2014</b> , 9, e97242	3.7	55
155	Transcription factors in ferroptotic cell death. <i>Cancer Gene Therapy</i> , <b>2020</b> , 27, 645-656	5.4	54
154	AIFM2 blocks ferroptosis independent of ubiquinol metabolism. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 523, 966-971	3.4	54
153	TMEM173 Drives Lethal Coagulation in Sepsis. <i>Cell Host and Microbe</i> , <b>2020</b> , 27, 556-570.e6	23.4	53
152	A novel PINK1- and PARK2-dependent protective neuroimmune pathway in lethal sepsis. <i>Autophagy</i> , <b>2016</b> , 12, 2374-2385	10.2	53
151	ESCRT-III-dependent membrane repair blocks ferroptosis. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 522, 415-421	3.4	53
150	The Combination of CRISPR/Cas9 and iPSC Technologies in the Gene Therapy of Human $\beta$ -thalassemia in Mice. <i>Scientific Reports</i> , <b>2016</b> , 6, 32463	4.9	51
149	Characteristics and Biomarkers of Ferroptosis. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 637167	6.7	51
148	HMGB1 as a potential biomarker and therapeutic target for severe COVID-19. <i>Heliyon</i> , <b>2020</b> , 6, e05672	3.6	50
147	Interplay between MTOR and GPX4 signaling modulates autophagy-dependent ferroptotic cancer cell death. <i>Cancer Gene Therapy</i> , <b>2021</b> , 28, 55-63	5.4	50
146	JTC801 Induces pH-dependent Death Specifically in Cancer Cells and Slows Growth of Tumors in Mice. <i>Gastroenterology</i> , <b>2018</b> , 154, 1480-1493	13.3	48
145	HMGB1-DNA complex-induced autophagy limits AIM2 inflammasome activation through RAGE. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 450, 851-6	3.4	48
144	Autophagic degradation of the circadian clock regulator promotes ferroptosis. <i>Autophagy</i> , <b>2019</b> , 15, 2033-2035	10.2	47
143	cAMP metabolism controls caspase-11 inflammasome activation and pyroptosis in sepsis. <i>Science Advances</i> , <b>2019</b> , 5, eaav5562	14.3	46
142	Interplay Between Lipid Metabolism and Autophagy. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 431	5.7	45
141	Apoptosis promotes early tumorigenesis. <i>Oncogene</i> , <b>2011</b> , 30, 1851-4	9.2	45



140	UV irradiation resistance-associated gene suppresses apoptosis by interfering with BAX activation. <i>EMBO Reports</i> , <b>2011</b> , 12, 727-34	6.5	44
139	HMGB1 regulates autophagy through increasing transcriptional activities of JNK and ERK in human myeloid leukemia cells. <i>BMB Reports</i> , <b>2011</b> , 44, 601-6	5.5	44
138	USP10 modulates the SKP2/Bcr-Abl axis via stabilizing SKP2 in chronic myeloid leukemia. <i>Cell Discovery</i> , <b>2019</b> , 5, 24	22.3	42
137	Life after death: targeting high mobility group box 1 in emergent cancer therapies. <i>American Journal of Cancer Research</i> , <b>2013</b> , 3, 1-20	4.4	42
136	Poly-ADP-ribosylation of HMGB1 regulates TNFSF10/TRAIL resistance through autophagy. <i>Autophagy</i> , <b>2015</b> , 11, 214-24	10.2	41
135	Ferroptosis in infection, inflammation, and immunity. <i>Journal of Experimental Medicine</i> , <b>2021</b> , 218,	16.6	41
134	The receptor for advanced glycation end products promotes pancreatic carcinogenesis and accumulation of myeloid-derived suppressor cells. <i>Journal of Immunology</i> , <b>2013</b> , 190, 1372-9	5.3	40
133	Inhibiting autophagy potentiates the anticancer activity of IFN1@/IFN in chronic myeloid leukemia cells. <i>Autophagy</i> , <b>2013</b> , 9, 317-27	10.2	40
132	Circular RNA 101368/miR-200a axis modulates the migration of hepatocellular carcinoma through HMGB1/RAGE signaling. <i>Cell Cycle</i> , <b>2018</b> , 17, 2349-2359	4.7	40
131	DNA released from neutrophil extracellular traps (NETs) activates pancreatic stellate cells and enhances pancreatic tumor growth. <i>Oncotarget</i> , <b>2019</b> , 8, e1605822	7.2	39
130	The Receptor for Advanced Glycation End Products Activates the AIM2 Inflammasome in Acute Pancreatitis. <i>Journal of Immunology</i> , <b>2016</b> , 196, 4331-7	5.3	39
129	MAGE-Trois in stress: DAMPs, redox and autophagy. <i>Seminars in Cancer Biology</i> , <b>2013</b> , 23, 380-90	12.7	38
128	Heat shock response inhibits release of high mobility group box 1 protein induced by endotoxin in murine macrophages. <i>Shock</i> , <b>2005</b> , 23, 434-40	3.4	37
127	Regulation and function of autophagy in pancreatic cancer. <i>Autophagy</i> , <b>2021</b> , 17, 3275-3296	10.2	37
126	NUPR1 is a critical repressor of ferroptosis. <i>Nature Communications</i> , <b>2021</b> , 12, 647	17.4	37
125	Antiferroptotic activity of non-oxidative dopamine. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 480, 602-607	3.4	35
124	Apoptosis to autophagy switch triggered by the MHC class III-encoded receptor for advanced glycation endproducts (RAGE). <i>Autophagy</i> , <b>2011</b> , 7, 91-93	10.2	35
123	PK4 dictates metabolic resistance to ferroptosis by suppressing pyruvate oxidation and fatty acid synthesis. <i>Cell Reports</i> , <b>2021</b> , 34, 108767	10.6	35

122	Autophagy in pancreatic cancer pathogenesis and treatment. <i>American Journal of Cancer Research</i> , <b>2012</b> , 2, 383-96	4.4	32
121	NEDD4L-mediated LTF protein degradation limits ferroptosis. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 531, 581-587	3.4	32
120	The BET family in immunity and disease. <i>Signal Transduction and Targeted Therapy</i> , <b>2021</b> , 6, 23	21	32
119	High mobility group box 1 (HMGB1) phenotypic role revealed with stress. <i>Molecular Medicine</i> , <b>2014</b> , 20, 359-62	6.2	31
118	Damage associated molecular pattern molecule-induced microRNAs (DAMPmiRs) in human peripheral blood mononuclear cells. <i>PLoS ONE</i> , <b>2012</b> , 7, e38899	3.7	31
117	A novel lncRNA, TCONS_00006195, represses hepatocellular carcinoma progression by inhibiting enzymatic activity of ENO1. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 1184	9.8	31
116	Tumor heterogeneity in autophagy-dependent ferroptosis. <i>Autophagy</i> , <b>2021</b> , 17, 3361-3374	10.2	30
115	Ferritinophagy and ferroptosis in the management of metabolic diseases. <i>Trends in Endocrinology and Metabolism</i> , <b>2021</b> , 32, 444-462	8.8	30
114	Targeting GRP78-dependent AR-V7 protein degradation overcomes castration-resistance in prostate cancer therapy. <i>Theranostics</i> , <b>2020</b> , 10, 3366-3381	12.1	29
113	Metal-based proteasomal deubiquitinase inhibitors as potential anticancer agents. <i>Cancer and Metastasis Reviews</i> , <b>2017</b> , 36, 655-668	9.6	28
112	MGST1 is a redox-sensitive repressor of ferroptosis in pancreatic cancer cells. <i>Cell Chemical Biology</i> , <b>2021</b> , 28, 765-775.e5	8.2	28
111	Induction of KLF4 in response to heat stress. <i>Cell Stress and Chaperones</i> , <b>2006</b> , 11, 379-89	4	27
110	Cell death in pancreatic cancer: from pathogenesis to therapy. <i>Nature Reviews Gastroenterology and Hepatology</i> , <b>2021</b> , 18, 804-823	24.2	27
109	Mitochondrial quality control mediated by PINK1 and PRKN: links to iron metabolism and tumor immunity. <i>Autophagy</i> , <b>2019</b> , 15, 172-173	10.2	26
108	ACOD1 in immunometabolism and disease. <i>Cellular and Molecular Immunology</i> , <b>2020</b> , 17, 822-833	15.4	25
107	Autophagy is required for IL-2-mediated fibroblast growth. <i>Experimental Cell Research</i> , <b>2013</b> , 319, 556-654	4.2	25
106	Direct molecular interactions between HMGB1 and TP53 in colorectal cancer. <i>Autophagy</i> , <b>2012</b> , 8, 846-8	10.2	25
105	Plumbagin Protects Mice from Lethal Sepsis by Modulating Immunometabolism Upstream of PKM2. <i>Molecular Medicine</i> , <b>2016</b> , 22, 162-172	6.2	25

104	CDK1/2/5 inhibition overcomes IFNG-mediated adaptive immune resistance in pancreatic cancer. <i>Gut</i> , <b>2021</b> , 70, 890-899	19.2	25
103	Crosstalk between hepatitis B virus X and high-mobility group box 1 facilitates autophagy in hepatocytes. <i>Molecular Oncology</i> , <b>2018</b> , 12, 322-338	7.9	24
102	A critical role for UVRAG in apoptosis. <i>Autophagy</i> , <b>2011</b> , 7, 1242-4	10.2	24
101	Cuproptosis: a copper-triggered modality of mitochondrial cell death.. <i>Cell Research</i> , <b>2022</b> ,	24.7	24
100	TFAM is a novel mediator of immunogenic cancer cell death. <i>Oncot Immunology</i> , <b>2018</b> , 7, e1431086	7.2	23
99	Nuclear DAMP complex-mediated RAGE-dependent macrophage cell death. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 458, 650-655	3.4	22
98	Sweating the small stuff: microRNAs and genetic changes define pancreatic cancer. <i>Pancreas</i> , <b>2013</b> , 42, 740-59	2.6	22
97	Signaling pathways and defense mechanisms of ferroptosis. <i>FEBS Journal</i> , <b>2021</b> ,	5.7	22
96	The chemokine receptors CXCR4/CXCR7 and their primary heterodimeric ligands CXCL12 and CXCL12/high mobility group box 1 in pancreatic cancer growth and development: finding flow. <i>Pancreas</i> , <b>2015</b> , 44, 528-34	2.6	21
95	Functional analysis of a novel KRAB/C2H2 zinc finger protein Mipu1. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 356, 829-35	3.4	21
94	The ferroptosis inducer erastin promotes proliferation and differentiation in human peripheral blood mononuclear cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 503, 1689-1695	3.4	20
93	Cathepsin B is a mediator of organelle-specific initiation of ferroptosis. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 533, 1464-1469	3.4	20
92	AMPK regulates immunometabolism in sepsis. <i>Brain, Behavior, and Immunity</i> , <b>2018</b> , 72, 89-100	16.6	20
91	The HBx-CTTN interaction promotes cell proliferation and migration of hepatocellular carcinoma via CREB1. <i>Cell Death and Disease</i> , <b>2019</b> , 10, 405	9.8	19
90	The circadian clock protects against ferroptosis-induced sterile inflammation. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 525, 620-625	3.4	19
89	Strategic plan for management of COVID-19 in paediatric haematology and oncology departments. <i>Lancet Haematology</i> , <b>2020</b> , 7, e359-e362	14.6	17
88	Extracellular DNA promotes colorectal tumor cell survival after cytotoxic chemotherapy. <i>Journal of Surgical Research</i> , <b>2018</b> , 226, 181-191	2.5	17
87	Extracellular SQSTM1 mediates bacterial septic death in mice through insulin receptor signalling. <i>Nature Microbiology</i> , <b>2020</b> , 5, 1576-1587	26.6	17

86	Notch signaling protects CD4 T cells from STING-mediated apoptosis during acute systemic inflammation. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	17
85	DUSP1 Blocks autophagy-dependent ferroptosis in pancreatic cancer. <i>Journal of Pancreatology</i> , <b>2020</b> , 3, 154-160	1.9	17
84	The STING1 network regulates autophagy and cell death. <i>Signal Transduction and Targeted Therapy</i> , <b>2021</b> , 6, 208	21	17
83	Broad Spectrum Deubiquitinase Inhibition Induces Both Apoptosis and Ferroptosis in Cancer Cells. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 949	5.3	16
82	Hsp27: a novel therapeutic target for pediatric M4/M5 acute myeloid leukemia. <i>Oncology Reports</i> , <b>2013</b> , 29, 1459-66	3.5	16
81	Parkin facilitates proteasome inhibitor-induced apoptosis via suppression of NF- $\kappa$ B activity in hepatocellular carcinoma. <i>Cell Death and Disease</i> , <b>2019</b> , 10, 719	9.8	15
80	Long non-coding RNA SNHG5 regulates chemotherapy resistance through the miR-32/DNAJB9 axis in acute myeloid leukemia. <i>Biomedicine and Pharmacotherapy</i> , <b>2020</b> , 123, 109802	7.5	15
79	STING1 Promotes Ferroptosis Through MFN1/2-Dependent Mitochondrial Fusion. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 698679	5.7	15
78	Mitophagy Receptors in Tumor Biology. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 594203	5.7	14
77	Organelle-specific regulation of ferroptosis. <i>Cell Death and Differentiation</i> , <b>2021</b> , 28, 2843-2856	12.7	14
76	AGER-Mediated Lipid Peroxidation Drives Caspase-11 Inflammasome Activation in Sepsis. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1904	8.4	13
75	Peroxisome: the new player in ferroptosis. <i>Signal Transduction and Targeted Therapy</i> , <b>2020</b> , 5, 273	21	13
74	Lipid Metabolism in Ferroptosis. <i>Advanced Biology</i> , <b>2021</b> , 5, e2100396		13
73	Extracellular HMGB1 prevents necroptosis in acute myeloid leukemia cells. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 112, 108714	7.5	12
72	HMGB1 is a therapeutic target for leukemia. <i>American Journal of Blood Research</i> , <b>2012</b> , 2, 36-43	1.6	12
71	Inflammasome-Dependent Coagulation Activation in Sepsis. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 641750	8.4	12
70	Targeting ferroptosis in pancreatic cancer: a double-edged sword. <i>Trends in Cancer</i> , <b>2021</b> , 7, 891-901	12.5	12
69	The mechanism of HMGB1 secretion and release.. <i>Experimental and Molecular Medicine</i> , <b>2022</b> ,	12.8	12

68	Pirin is a nuclear redox-sensitive modulator of autophagy-dependent ferroptosis. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 536, 100-106	3.4	11
67	The Versatile Gasdermin Family: Their Function and Roles in Diseases. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 751533	8.4	10
66	Oncogenic KRAS blockade therapy: renewed enthusiasm and persistent challenges. <i>Molecular Cancer</i> , <b>2021</b> , 20, 128	42.1	10
65	The Multifaceted Effects of Autophagy on the Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , <b>2020</b> , 1225, 99-114	3.6	9
64	Novel chemokine-like activities of histones in tumor metastasis. <i>Oncotarget</i> , <b>2016</b> , 7, 61728-61740	3.3	9
63	Chloroquine in fighting COVID-19: good, bad, or both?. <i>Autophagy</i> , <b>2020</b> , 16, 2273-2275	10.2	9
62	The dark side of ferroptosis in pancreatic cancer. <i>Oncolmmunology</i> , <b>2021</b> , 10, 1868691	7.2	9
61	Damage-Associated Molecular Patterns and the Systemic Immune Consequences of Severe Thermal Injury. <i>Journal of Immunology</i> , <b>2020</b> , 205, 1189-1197	5.3	8
60	Cellular and molecular mechanisms of perineural invasion of pancreatic ductal adenocarcinoma. <i>Cancer Communications</i> , <b>2021</b> , 41, 642-660	9.4	8
59	Trypsin-Mediated Sensitization to Ferroptosis Increases the Severity of Pancreatitis in Mice. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2021</b> ,	7.9	8
58	Correlation of Long Noncoding RNA SEMA6A-AS1 Expression with Clinical Outcome in HBV-Related Hepatocellular Carcinoma. <i>Clinical Therapeutics</i> , <b>2020</b> , 42, 439-447	3.5	7
57	Emerging mechanisms of immunocoagulation in sepsis and septic shock. <i>Trends in Immunology</i> , <b>2021</b> , 42, 508-522	14.4	7
56	Extracellular SQSTM1 as an inflammatory mediator. <i>Autophagy</i> , <b>2020</b> , 16, 2313-2315	10.2	6
55	SMG9 drives ferroptosis by directly inhibiting GPX4 degradation. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 567, 92-98	3.4	6
54	Hepatocyte-specific Hmgb1 Deletion. <i>Autophagy</i> , <b>2015</b> , 11, 1189-91	10.2	5
53	Effect of 5-fluorouracil on membranous PD-L1 expression in colon cancer cells.. <i>Journal of Clinical Oncology</i> , <b>2016</b> , 34, 592-592	2.2	5
52	Targeting Ubiquitin-Proteasome System With Copper Complexes for Cancer Therapy. <i>Frontiers in Molecular Biosciences</i> , <b>2021</b> , 8, 649151	5.6	5
51	What Is the Pathobiology of Inflammation to Cell Death? Apoptosis, Necrosis, Necroptosis, Autophagic Cell Death, Pyroptosis, and NETosis <b>2016</b> , 81-106		4

50	RAGE-specific single chain Fv for PET imaging of pancreatic cancer. <i>PLoS ONE</i> , <b>2018</b> , 13, e0192821	3.7	4
49	USP1-dependent RPS16 protein stability drives growth and metastasis of human hepatocellular carcinoma cells. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2021</b> , 40, 201	12.8	4
48	The dual role of HMGB1 in pancreatic cancer. <i>Journal of Pancreatology</i> , <b>2018</b> , 1, 19-24	1.9	4
47	The STING-STAT6 pathway drives Cas9-induced host response in human monocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 506, 278-283	3.4	4
46	Targeting NF- $\kappa$ B-dependent alkaliptosis for the treatment of venetoclax-resistant acute myeloid leukemia cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 562, 55-61	3.4	4
45	PPARG-mediated ferroptosis in dendritic cells limits antitumor immunity. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 576, 33-39	3.4	4
44	AUF1 protects against ferroptosis to alleviate sepsis-induced acute lung injury by regulating NRF2 and ATF3.. <i>Cellular and Molecular Life Sciences</i> , <b>2022</b> , 79, 228	10.3	4
43	Assessment of Posttranslational Modifications of ATG proteins. <i>Methods in Enzymology</i> , <b>2017</b> , 587, 171-188		3
42	The role of ferroptosis in lung cancer. <i>Biomarker Research</i> , <b>2021</b> , 9, 82	8	3
41	Ion Channels and Transporters in Autophagy. <i>Autophagy</i> , <b>2021</b> , 1-20	10.2	3
40	A new role of GRP75-USP1-SIX1 protein complex in driving prostate cancer progression and castration resistance. <i>Oncogene</i> , <b>2021</b> , 40, 4291-4306	9.2	3
39	NUPR1 inhibitor ZZW-115 induces ferroptosis in a mitochondria-dependent manner. <i>Cell Death Discovery</i> , <b>2021</b> , 7, 269	6.9	3
38	HMGB1 in Cell Death <b>2015</b> ,		2
37	The Dual Role of HMGB1 in Pancreatic Cancer. <i>Journal of Pancreatology</i> , <b>2018</b> , 1, 19-24	1.9	2
36	Post-transcriptional regulation of is a critical node that modulates autophagy during distinct nutrient stresses. <i>Autophagy</i> , <b>2021</b> , 1-21	10.2	2
35	Itaconic acid induces ferroptosis by activating ferritinophagy. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 583, 56-62	3.4	2
34	Regulation and Function of Autophagy During Ferroptosis <b>2019</b> , 43-59		2
33	Heat Shock Proteins: Endogenous Modulators of Ferroptosis <b>2019</b> , 61-81		2

32	Pharmacological Modulation of BET Family in Sepsis. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 642294	5.6	2
31	The cGAS-STING pathway connects mitochondrial damage to inflammation in burn-induced acute lung injury in rat. <i>Burns</i> , <b>2021</b> ,	2.3	2
30	The dual role of ferroptosis in pancreatic cancer: a narrative review. <i>Journal of Pancreatology</i> , <b>2021</b> , 4, 76-81	1.9	2
29	The HMGB1-AGER-STING1 pathway mediates the sterile inflammatory response to alkaliptosis. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 560, 165-171	3.4	2
28	Role of the Beclin 1 Network in the Cross-Regulation Between Autophagy and Apoptosis <b>2016</b> , 75-88		2
27	Mitophagy in Pancreatic Cancer. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 616079	5.3	2
26	DCN released from ferroptotic cells ignites AGER-dependent immune responses.. <i>Autophagy</i> , <b>2021</b> , 1-14	10.2	2
25	HSP90 mediates IFN $\gamma$ induced adaptive resistance to anti-PD-1 immunotherapy.. <i>Cancer Research</i> , <b>2022</b> ,	10.1	2
24	High-Mobility Group Box 1 and Autophagy <b>2016</b> ,		1
23	The Art of War: Ferroptosis and Pancreatic Cancer.. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 773909	5.6	1
22	Bilirubin Restrains the Anticancer Effect of Vemurafenib on BRAF-Mutant Melanoma Cells Through ERK-MNK1 Signaling. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 698888	5.3	1
21	The Flavone Baicalein and Its Use in Gastrointestinal Disease <b>2019</b> , 145-155		1
20	Monitoring autophagy-dependent ferroptosis. <i>Methods in Cell Biology</i> , <b>2021</b> , 165, 163-176	1.8	1
19	CDK1/2/5 blockade: killing two birds with one stone. <i>Oncolmmunology</i> , <b>2021</b> , 10, 1875612	7.2	1
18	Ferroptosis by Lipid Peroxidation: The Tip of the Iceberg?. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 646890	5.7	1
17	Ferroptosis, free radicals, and cancer <b>2021</b> , 149-158		1
16	Heterodimeric RGD-NGR PET Tracer for the Early Detection of Pancreatic Cancer.. <i>Molecular Imaging and Biology</i> , <b>2022</b> , 1	3.8	1
15	Cyclophosphamide-induced GPX4 degradation triggers parthanatos by activating AIFM1.. <i>Biochemical and Biophysical Research Communications</i> , <b>2022</b> , 606, 68-74	3.4	1

14	Identification of HPCAL1 as a specific autophagy receptor involved in ferroptosis.. <i>Autophagy</i> , <b>2022</b> , 1-21	10.2	1
13	Targeting HSP90 sensitizes pancreas carcinoma to PD-1 blockade.. <i>OncolImmunology</i> , <b>2022</b> , 11, 2068488	7.2	1
12	Duloxetine-Induced Neural Cell Death and Promoted Neurite Outgrowth in N2a Cells. <i>Neurotoxicity Research</i> , <b>2020</b> , 38, 859-870	4.3	0
11	Mitochondrial ACOD1/IRG1 in infection and sterile inflammation. <i>Journal of Intensive Medicine</i> , <b>2022</b> ,		0
10	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> , <b>2021</b> , 11, 738607	5.3	0
9	Cell death: machinery and regulation <b>2022</b> , 47-64		0
8	Autophagy Regulation by HMGB1 in Disease <b>2016</b> , 173-185		0
7	Metabolic checkpoint of ferroptosis resistance. <i>Molecular and Cellular Oncology</i> , <b>2021</b> , 8, 1901558	1.2	0
6	Pathological Significance and Prognostic Roles of Indirect Bilirubin/Albumin Ratio in Hepatic Encephalopathy. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 706407	4.9	0
5	STING1 in Different Organelles: Location Dictates Function.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 842489	8.4	0
4	HSP90 as an emerging barrier to immune checkpoint blockade therapy.. <i>Oncoscience</i> , <b>2022</b> , 9, 20-22	0.8	0
3	Nuclear DAMPs in Hepatic Injury and Inflammation <b>2017</b> , 133-158		
2	Autophagy and the Tumor Microenvironment <b>2013</b> , 167-189		
1	Endogenous HMGB1 regulates autophagy. <i>Journal of Experimental Medicine</i> , <b>2010</b> , 207, i27-i27	16.6	