

# Dying cells actively regulate adaptive immune response

Nature Reviews Immunology

17, 262-275

DOI: [10.1038/nri.2017.9](https://doi.org/10.1038/nri.2017.9)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Characterization of the cryoablation-induced immune response in kidney cancer patients. <i>Oncolmmunology</i> , 2017, 6, e1326441.	2.1	34
2	Extracellular nucleosides and nucleotides as immunomodulators. <i>Immunological Reviews</i> , 2017, 280, 83-92.	2.8	98
3	Harnessing the cross-talk between tumor cells and tumor-associated macrophages with a nano-drug for modulation of glioblastoma immune microenvironment. <i>Journal of Controlled Release</i> , 2017, 268, 128-146.	4.8	68
4	Trial Watch: Immunostimulatory monoclonal antibodies for oncological indications. <i>Oncolmmunology</i> , 2017, 6, e1371896.	2.1	36
5	The pros and cons of dying tumour cells in adaptive immune responses. <i>Nature Reviews Immunology</i> , 2017, 17, 591-591.	10.6	17
6	Iron Handling in Tumor-Associated Macrophages—Is There a New Role for Lipocalin-2?. <i>Frontiers in Immunology</i> , 2017, 8, 1171.	2.2	40
7	Efferocytosis of Pathogen-Infected Cells. <i>Frontiers in Immunology</i> , 2017, 8, 1863.	2.2	37
8	Urinary Metabolites in Patients Undergoing Coronary Catheterization Via the Radial Versus Femoral Artery Approach. <i>Baylor University Medical Center Proceedings</i> , 2017, 30, 404-409.	0.2	1
9	Dapsone therapy for immune thrombocytopenic purpura: old but still unfamiliar. <i>Blood Research</i> , 2017, 52, 77.	0.5	1
10	Approved CAR T cell therapies: ice bucket challenges on glaring safety risks and long-term impacts. <i>Drug Discovery Today</i> , 2018, 23, 1175-1182.	3.2	142
11	Long noncoding RNAs in cancer—immunity cycle. <i>Journal of Cellular Physiology</i> , 2018, 233, 6518-6523.	2.0	119
12	Immunostimulation and Immunosuppression: Nanotechnology on the Brink. <i>Small Methods</i> , 2018, 2, 1700347.	4.6	32
13	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
14	Role of calcium permeable channels in dendritic cell migration. <i>Current Opinion in Immunology</i> , 2018, 52, 74-80.	2.4	19
15	Extrinsic Phagocyte-Dependent STING Signaling Dictates the Immunogenicity of Dying Cells. <i>Cancer Cell</i> , 2018, 33, 862-873.e5.	7.7	133
16	DAMP-TLR-cytokine axis dictates the fate of tumor. <i>Cytokine</i> , 2018, 104, 114-123.	1.4	71
17	Flagellin increases death receptor-mediated cell death in a RIP1-dependent manner. <i>Immunology Letters</i> , 2018, 193, 42-50.	1.1	11
18	Dendritic cells in the regulation of immunity and inflammation. <i>Seminars in Immunology</i> , 2018, 35, 3-11.	2.7	165

#	ARTICLE	IF	CITATIONS
19	Checkpoints in TNF-Induced Cell Death: Implications in Inflammation and Cancer. Trends in Molecular Medicine, 2018, 24, 49-65.	3.5	201
20	Immune checkpoint inhibitors in advanced non-small cell lung cancer. Cancer, 2018, 124, 248-261.	2.0	94
21	Primer on Cancer Immunotherapy and the Targeting of Native Proteins. Current Cancer Research, 2018, , 1-28.	0.2	0
22	A Chromatin-Mimetic Nanomedicine for Therapeutic Tolerance Induction. ACS Nano, 2018, 12, 12004-12014.	7.3	11
23	Pattern Recognition Receptors and the Host Cell Death Molecular Machinery. Frontiers in Immunology, 2018, 9, 2379.	2.2	435
24	Cell death at the cross roads of host-pathogen interaction in Mycobacterium tuberculosis infection. Tuberculosis, 2018, 113, 99-121.	0.8	61
25	Linking cellular stress responses to systemic homeostasis. Nature Reviews Molecular Cell Biology, 2018, 19, 731-745.	16.1	320
26	Degradation-Regulatable Architected Implantable Macroporous Scaffold for the Spatiotemporal Modulation of Immunosuppressive Microenvironment and Enhanced Combination Cancer Immunotherapy. Advanced Functional Materials, 2018, 28, 1804490.	7.8	36
27	Prologue: About DAMPs, PAMPs, and MAMPs. , 2018, , 191-217.		1
28	Regulated Cell Death. , 2018, , 427-466.		0
29	The Three Major Paradigms in Immunology. , 2018, , 13-27.		0
30	Treg Destabilization and Reprogramming: Implications for Cancer Immunotherapy. Cancer Research, 2018, 78, 5191-5199.	0.4	66
31	Augmentation of vaccine-induced humoral and cellular immunity by a physical radiofrequency adjuvant. Nature Communications, 2018, 9, 3695.	5.8	37
32	Proteomic Identification of Heat Shock-Induced Danger Signals in a Melanoma Cell Lysate Used in Dendritic Cell-Based Cancer Immunotherapy. Journal of Immunology Research, 2018, 2018, 1-15.	0.9	7
33	IRF-5 Promotes Cell Death in CD4 <sup>+</sup> T Cells during Chronic Infection. Cell Reports, 2018, 24, 1163-1175.	2.9	31
34	DNA damage predicts prognosis and treatment response in colorectal liver metastases superior to immunogenic cell death and T cells. Theranostics, 2018, 8, 3198-3213.	4.6	18
35	Exploitation of Apoptotic Regulation in Cancer. Frontiers in Immunology, 2018, 9, 241.	2.2	43
36	The Neutrophil's Choice: Phagocytosis vs Make Neutrophil Extracellular Traps. Frontiers in Immunology, 2018, 9, 288.	2.2	177

#	ARTICLE	IF	CITATIONS
37	Deciphering T Cell Immunometabolism with Activity-Based Protein Profiling. <i>Current Topics in Microbiology and Immunology</i> , 2018, 420, 175-210.	0.7	2
38	Codon optimization and improved delivery/immunization regimen enhance the immune response against wild-type and drug-resistant HIV-1 reverse transcriptase, preserving its Th2-polarity. <i>Scientific Reports</i> , 2018, 8, 8078.	1.6	20
39	Exosomes derived from exhausted CD8+ T cells impaired the anticancer function of normal CD8+ T cells. <i>Journal of Medical Genetics</i> , 2019, 56, 29-31.	1.5	55
40	Overview of recent advances in liposomal nanoparticle-based cancer immunotherapy. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 1129-1137.	2.8	84
41	Trial watch: dendritic cell vaccination for cancer immunotherapy. <i>Oncolmmunology</i> , 2019, 8, 1638212.	2.1	125
42	Tumor regression mediated by oncogene withdrawal or erlotinib stimulates infiltration of inflammatory immune cells in EGFR mutant lung tumors. , 2019, 7, 172.		26
43	Self-DNA Sensing Fuels HIV-1-Associated Inflammation. <i>Trends in Molecular Medicine</i> , 2019, 25, 941-954.	3.5	12
44	Intracellular targets as source for cleaner targets for the treatment of solid tumors. <i>Biochemical Pharmacology</i> , 2019, 168, 275-284.	2.0	8
45	Necrosis Contributes to the Development of Hypertension in Male, but Not Female, Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2019, 74, 1524-1531.	1.3	10
46	RIPK3 Activation Leads to Cytokine Synthesis that Continues after Loss of Cell Membrane Integrity. <i>Cell Reports</i> , 2019, 28, 2275-2287.e5.	2.9	85
47	Apoptotic caspases inhibit abscopal responses to radiation and identify a new prognostic biomarker for breast cancer patients. <i>Oncolmmunology</i> , 2019, 8, e1655964.	2.1	97
48	Type I Interferon Delivery by iPSC-Derived Myeloid Cells Elicits Antitumor Immunity via XCR1+ Dendritic Cells. <i>Cell Reports</i> , 2019, 29, 162-175.e9.	2.9	26
49	Sourcing the immune system to induce immunogenic cell death in Kras-colorectal cancer cells. <i>British Journal of Cancer</i> , 2019, 121, 768-775.	2.9	2
50	The Diversification of Cell Death and Immunity: Memento Mori. <i>Molecular Cell</i> , 2019, 76, 232-242.	4.5	106
51	Intratumoral activation of the necroptotic pathway components RIPK1 and RIPK3 potentiates antitumor immunity. <i>Science Immunology</i> , 2019, 4, .	5.6	242
52	Autophagy-Independent Functions of the Autophagy Machinery. <i>Cell</i> , 2019, 177, 1682-1699.	13.5	591
53	Macroscale biomaterials strategies for local immunomodulation. <i>Nature Reviews Materials</i> , 2019, 4, 379-397.	23.3	172
54	Autophagy, apoptosis, and mitochondria: molecular integration and physiological relevance in skeletal muscle. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C111-C130.	2.1	54

#	ARTICLE	IF	CITATIONS
55	A fluorescent biosensor-based platform for the discovery of immunogenic cancer cell death inducers. <i>Oncolmmunology</i> , 2019, 8, 1606665.	2.1	12
56	Apoptotic mesenchymal stromal cells induce prostaglandin E2 in monocytes: implications for the monitoring of mesenchymal stromal cell activity. <i>Haematologica</i> , 2019, 104, e438-e441.	1.7	45
57	Gasdermin D (GSDMD) as a new target for the treatment of infection. <i>MedChemComm</i> , 2019, 10, 660-667.	3.5	41
58	Tuning the way to die: implications of membrane perturbations in necroptosis. <i>Advances in Biomembranes and Lipid Self-Assembly</i> , 2019, , 201-247.	0.3	6
59	Sensing Tissue Damage by Myeloid C-Type Lectin Receptors. <i>Current Topics in Microbiology and Immunology</i> , 2019, 429, 117-145.	0.7	4
60	ZBP1/DAI-Dependent Cell Death Pathways in Influenza A Virus Immunity and Pathogenesis. <i>Current Topics in Microbiology and Immunology</i> , 2019, , 1.	0.7	11
61	G-Quadruplex Binders Induce Immunogenic Cell Death Markers in Aggressive Breast Cancer Cells. <i>Cancers</i> , 2019, 11, 1797.	1.7	13
62	Immunogenic cell death induced by a new photodynamic therapy based on photosens and photodithazine. , 2019, 7, 350.		183
63	Calreticulin exposure correlates with robust adaptive antitumor immunity and favorable prognosis in ovarian carcinoma patients. , 2019, 7, 312.		52
64	BP180 Autoantibodies Target Different Epitopes in Multiple Sclerosis or Alzheimer's Disease than in Bullous Pemphigoid. <i>Journal of Investigative Dermatology</i> , 2019, 139, 293-299.	0.3	20
65	Comparing the effects of different cell death programs in tumor progression and immunotherapy. <i>Cell Death and Differentiation</i> , 2019, 26, 115-129.	5.0	74
66	Nucleic Acid Sensing in Mammals and Plants: Facts and Caveats. <i>International Review of Cell and Molecular Biology</i> , 2019, 345, 225-285.	1.6	25
67	Reasoning the effect of immunotherapy after chemoradiation in the PACIFIC trial. <i>Future Oncology</i> , 2019, 15, 81-94.	1.1	2
68	CD8+ T-cell exhaustion in cancer: mechanisms and new area for cancer immunotherapy. <i>Briefings in Functional Genomics</i> , 2019, 18, 99-106.	1.3	77
69	DAMP-sensing receptors in sterile inflammation and inflammatory diseases. <i>Nature Reviews Immunology</i> , 2020, 20, 95-112.	10.6	920
70	Damage-associated molecular patterns in trauma. <i>European Journal of Trauma and Emergency Surgery</i> , 2020, 46, 751-775.	0.8	110
71	Calreticulin arms NK cells against leukemia. <i>Oncolmmunology</i> , 2020, 9, 1671763.	2.1	16
72	DAMPs, PAMPs, and LAMPs in Immunity and Sterile Inflammation. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2020, 15, 493-518.	9.6	407

#	ARTICLE	IF	CITATIONS
73	Mitochondria as multifaceted regulators of cell death. <i>Nature Reviews Molecular Cell Biology</i> , 2020, 21, 85-100.	16.1	1,253
74	Key necroptotic proteins are required for Smac mimetic-mediated sensitization of cholangiocarcinoma cells to TNF- $\alpha$ and chemotherapeutic gemcitabine-induced necroptosis. <i>PLoS ONE</i> , 2020, 15, e0227454.	1.1	19
75	ARID1A deficiency and immune checkpoint blockade therapy: From mechanisms to clinical application. <i>Cancer Letters</i> , 2020, 473, 148-155.	3.2	31
76	Arf1-mediated lipid metabolism sustains cancer cells and its ablation induces anti-tumor immune responses in mice. <i>Nature Communications</i> , 2020, 11, 220.	5.8	59
77	Immunodominant AH1 Antigen-Deficient Necroptotic, but Not Apoptotic, Murine Cancer Cells Induce Antitumor Protection. <i>Journal of Immunology</i> , 2020, 204, 775-787.	0.4	33
78	Cisplatin unleashes Toll-like receptor 3-mediated apoptosis through the downregulation of c-FLIP in malignant mesothelioma. <i>Cancer Letters</i> , 2020, 472, 29-39.	3.2	15
79	Collateral damage: necroptosis in the development of lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L215-L225.	1.3	32
80	Hypoxic Melanoma Cells Deliver microRNAs to Dendritic Cells and Cytotoxic T Lymphocytes through Connexin-43 Channels. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7567.	1.8	19
81	Tumor-related HSP70 released after cryo-thermal therapy targeted innate immune initiation in the antitumor immune response. <i>International Journal of Hyperthermia</i> , 2020, 37, 843-853.	1.1	15
82	&lt;p&gt;HMGB1 in Radiotherapy: A Two Headed Signal Regulating Tumor Radiosensitivity and Immunity&lt;/p&gt;. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 6859-6871.	1.0	23
83	Detection of immunogenic cell death and its relevance for cancer therapy. <i>Cell Death and Disease</i> , 2020, 11, 1013.	2.7	466
84	A Two-Step Process of Effector Programming Governs CD4+ T Cell Fate Determination Induced by Antigenic Activation in the Steady State. <i>Cell Reports</i> , 2020, 33, 108424.	2.9	15
85	Targeting immunogenic cell death in cancer. <i>Molecular Oncology</i> , 2020, 14, 2994-3006.	2.1	383
86	Tipping the immunostimulatory and inhibitory DAMP balance to harness immunogenic cell death. <i>Nature Communications</i> , 2020, 11, 6299.	5.8	128
87	Long Noncoding RNAs, New Critical Regulators in Cancer Immunity. <i>Frontiers in Oncology</i> , 2020, 10, 550987.	1.3	39
88	RIPK1-mediated immunogenic cell death promotes anti-tumour immunity against soft-tissue sarcoma. <i>EMBO Molecular Medicine</i> , 2020, 12, e10979.	3.3	22
90	Immunometabolic function of the transcription cofactor VGLL3 provides an evolutionary rationale for sexual dimorphism in autoimmunity. <i>FEBS Letters</i> , 2020, 594, 3371-3383.	1.3	9
91	Role of Damage-Associated Molecular Patterns in Light of Modern Environmental Research: A Tautological Approach. <i>International Journal of Environmental Research</i> , 2020, 14, 583-604.	1.1	17

#	ARTICLE	IF	CITATIONS
92	Targeting of BCL-2 Family Members during Anticancer Treatment: A Necessary Compromise between Individual Cell and Ecosystemic Responses?. <i>Biomolecules</i> , 2020, 10, 1109.	1.8	4
93	Infection of Mammals and Mosquitoes by Alphaviruses: Involvement of Cell Death. <i>Cells</i> , 2020, 9, 2612.	1.8	4
94	Connexin-Mediated Signaling at the Immunological Synapse. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3736.	1.8	19
95	Engineering the Human Fc Region Enables Direct Cell Killing by Cancer Glycan-Targeting Antibodies without the Need for Immune Effector Cells or Complement. <i>Cancer Research</i> , 2020, 80, 3399-3412.	0.4	7
96	Association of Plasma Level of TNF-Related Apoptosis-Inducing Ligand with Severity and Outcome of Sepsis. <i>Journal of Clinical Medicine</i> , 2020, 9, 1661.	1.0	11
97	Dynamics of Cell Death After Conventional IRE and H-FIRE Treatments. <i>Annals of Biomedical Engineering</i> , 2020, 48, 1451-1462.	1.3	54
98	Dendritic Cells and Immunogenic Cancer Cell Death: A Combination for Improving Antitumor Immunity. <i>Pharmaceutics</i> , 2020, 12, 256.	2.0	56
99	Tumor-treating fields (TTFields) induce immunogenic cell death resulting in enhanced antitumor efficacy when combined with anti-PD-1 therapy. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 1191-1204.	2.0	76
100	Mitotic stress-induced secretome primes cancer cells to apoptosis and maximizes paclitaxel response in breast tumors when combined with BCL-xL-targeting BH3 mimetics. <i>Molecular and Cellular Oncology</i> , 2020, 7, 1735912.	0.3	1
101	Influenza Virus Z-RNAs Induce ZBP1-Mediated Necroptosis. <i>Cell</i> , 2020, 180, 1115-1129.e13.	13.5	288
102	Tumor Microenvironment. <i>Cancer Treatment and Research</i> , 2020, , .	0.2	12
103	Targeting Toll-like receptor 3 in dendritic cells for cancer immunotherapy. <i>Expert Opinion on Biological Therapy</i> , 2020, 20, 937-946.	1.4	19
104	Combination of chemotherapy and PD-1 blockade induces T cell responses to tumor non-mutated neoantigens. <i>Communications Biology</i> , 2020, 3, 85.	2.0	36
105	Death Receptors and Their Ligands in Inflammatory Disease and Cancer. <i>Cold Spring Harbor Perspectives in Biology</i> , 2020, 12, a036384.	2.3	27
106	Endoplasmic Reticulum Targeting to Amplify Immunogenic Cell Death for Cancer Immunotherapy. <i>Nano Letters</i> , 2020, 20, 1928-1933.	4.5	235
107	Perception of Damaged Self in Plants. <i>Plant Physiology</i> , 2020, 182, 1545-1565.	2.3	55
108	STING-dependent paracrine shapes apoptotic priming of breast tumors in response to anti-mitotic treatment. <i>Nature Communications</i> , 2020, 11, 259.	5.8	65
109	A prospective pilot study of the T-lymphocyte response to fine particulate matter exposure. <i>Journal of Applied Toxicology</i> , 2020, 40, 619-630.	1.4	2

#	ARTICLE	IF	CITATIONS
110	Trial watch: chemotherapy-induced immunogenic cell death in immuno-oncology. <i>Oncolimmunology</i> , 2020, 9, 1703449.	2.1	156
111	Autophagy regulation as a promising approach for improving cancer immunotherapy. <i>Cancer Letters</i> , 2020, 475, 34-42.	3.2	32
112	Life, death, and autophagy in cancer: NF- $\kappa$ B turns up everywhere. <i>Cell Death and Disease</i> , 2020, 11, 210.	2.7	183
113	Sequential Interferon $\gamma$ -Cisplatin Treatment Enhances the Surface Exposure of Calreticulin in Cancer Cells via an Interferon Regulatory Factor 1-Dependent Manner. <i>Biomolecules</i> , 2020, 10, 643.	1.8	20
114	Comprehensive Map of the Regulated Cell Death Signaling Network: A Powerful Analytical Tool for Studying Diseases. <i>Cancers</i> , 2020, 12, 990.	1.7	5
115	NAMPT and NAPRT: Two Metabolic Enzymes With Key Roles in Inflammation. <i>Frontiers in Oncology</i> , 2020, 10, 358.	1.3	117
116	Extracellular DNA: A Relevant Plant Damage-Associated Molecular Pattern (DAMP) for Crop Protection Against Pests—A Review. <i>Journal of Plant Growth Regulation</i> , 2021, 40, 451-463.	2.8	14
117	The Role of NLRP3 Inflammasome Activities in Bone Diseases and Vascular Calcification. <i>Inflammation</i> , 2021, 44, 434-449.	1.7	36
118	The intrinsic immunogenic properties of cancer cell lines, immunogenic cell death, and how these influence host antitumor immune responses. <i>Cell Death and Differentiation</i> , 2021, 28, 843-860.	5.0	61
119	Carbon ion triggered immunogenic necroptosis of nasopharyngeal carcinoma cells involving necroptotic inhibitor BCL-x. <i>Journal of Cancer</i> , 2021, 12, 1520-1530.	1.2	7
120	The MHC Class-I Transactivator NLRC5: Implications to Cancer Immunology and Potential Applications to Cancer Immunotherapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1964.	1.8	27
121	Unraveling Cell Death Pathways during Malaria Infection: What Do We Know So Far?. <i>Cells</i> , 2021, 10, 479.	1.8	78
122	Adenosine triphosphate, polymyxin B and B16 cell-derived immunization induce anticancer response. <i>Immunotherapy</i> , 2021, 13, 309-326.	1.0	2
123	Proteomics reveals distinct mechanisms regulating the release of cytokines and alarmins during pyroptosis. <i>Cell Reports</i> , 2021, 34, 108826.	2.9	33
124	Novel porphyrazine-based photodynamic anti-cancer therapy induces immunogenic cell death. <i>Scientific Reports</i> , 2021, 11, 7205.	1.6	36
125	Defining Immunogenic and Radioimmunogenic Tumors. <i>Frontiers in Oncology</i> , 2021, 11, 667075.	1.3	22
126	Cytotoxic CD8+ T cells promote granzyme B-dependent adverse post-ischemic cardiac remodeling. <i>Nature Communications</i> , 2021, 12, 1483.	5.8	73
127	Activable Multi-Modal Nanoprobes for Imaging Diagnosis and Therapy of Tumors. <i>Frontiers in Chemistry</i> , 2020, 8, 572471.	1.8	9



#	ARTICLE	IF	CITATIONS
128	The Antisocial Network: Cross Talk Between Cell Death Programs in Host Defense. Annual Review of Immunology, 2021, 39, 77-101.	9.5	60
129	Emerging concepts in the science of vaccine adjuvants. Nature Reviews Drug Discovery, 2021, 20, 454-475.	21.5	601
130	Immune-Infected, Eat Me! Innate Immunity Mediated by Live, Infected Cells Signaling To Be Phagocytosed. Infection and Immunity, 2021, 89, .	1.0	12
131	MLKL in cancer: more than a necroptosis regulator. Cell Death and Differentiation, 2021, 28, 1757-1772.	5.0	61
132	Safety of Breast Cancer Mastoscopic Surgery from the Perspective of Immunity and Adipokines. Journal of Investigative Surgery, 2021, , 1-7.	0.6	1
133	Damage-Associated Molecular Patterns Modulation by microRNA: Relevance on Immunogenic Cell Death and Cancer Treatment Outcome. Cancers, 2021, 13, 2566.	1.7	22
134	Current Prospects for Treatment of Solid Tumors via Photodynamic, Photothermal, or Ionizing Radiation Therapies Combined with Immune Checkpoint Inhibition (A Review). Pharmaceuticals, 2021, 14, 447.	1.7	32
135	Pyroptosis: a new paradigm of cell death for fighting against cancer. Journal of Experimental and Clinical Cancer Research, 2021, 40, 153.	3.5	224
136	Mitigating the foreign body response through immune-instructive biomaterials. Journal of Immunology and Regenerative Medicine, 2021, 12, 100040.	0.2	12
137	The Host-Defense-Peptide-Mimicking Synthetic Polypeptides Effectively Enhance Antitumor Immunity through Promoting Immunogenic Tumor Cell Death. Macromolecular Bioscience, 2021, 21, e2100171.	2.1	6
138	Ubiquitylation of MLKL at lysine 219 positively regulates necroptosis-induced tissue injury and pathogen clearance. Nature Communications, 2021, 12, 3364.	5.8	43
139	Features of third generation photosensitizers used in anticancer photodynamic therapy: Review. Photodiagnosis and Photodynamic Therapy, 2021, 34, 102091.	1.3	112
140	Role of DAMPs in respiratory virus-induced acute respiratory distress syndrome with a preliminary reference to SARS-CoV-2 pneumonia. Genes and Immunity, 2021, 22, 141-160.	2.2	47
141	The role of regulated necrosis in endocrine diseases. Nature Reviews Endocrinology, 2021, 17, 497-510.	4.3	35
142	Tpt1 the balance toward immunosuppression upon cell death. Nature Immunology, 2021, 22, 940-942.	7.0	4
144	Secreted gelsolin inhibits DNGR-1-dependent cross-presentation and cancer immunity. Cell, 2021, 184, 4016-4031.e22.	13.5	63
145	Asynchronous blockade of PD-L1 and CD155 by polymeric nanoparticles inhibits triple-negative breast cancer progression and metastasis. Biomaterials, 2021, 275, 120988.	5.7	34
146	Pyroptosis, a new bridge to tumor immunity. Cancer Science, 2021, 112, 3979-3994.	1.7	113

#	ARTICLE	IF	CITATIONS
147	Engineering Chameleon Prodrug Nanovesicles to Increase Antigen Presentation and Inhibit PD-1 Expression for Circumventing Immune Resistance of Cancer. <i>Advanced Materials</i> , 2021, 33, e2102668.	11.1	36
149	Necroptosis-elicited host immunity: GOx-loaded MoS <sub>2</sub> nanocatalysts for self-amplified chemodynamic immunotherapy. <i>Nano Research</i> , 2022, 15, 2244-2253.	5.8	11
150	Antagonism of inhibitors of apoptosis proteins reveals a novel, immune response-based therapeutic approach for T-cell lymphoma. <i>Blood Advances</i> , 2021, 5, 4003-4016.	2.5	4
151	Cutting it Out: Developing Effective Immunotherapies for Patients With Colorectal Cancer. <i>Journal of Immunotherapy</i> , 2021, 44, 49-62.	1.2	7
153	Methods to Detect Immunogenic Cell Death In Vivo. <i>Methods in Molecular Biology</i> , 2020, 2055, 433-452.	0.4	5
154	Immunogenic Cell Death Driven by Radiation-Induced Impact on the Tumor Microenvironment. <i>Cancer Treatment and Research</i> , 2020, 180, 281-296.	0.2	10
155	Alerting the immune system to DNA damage: micronuclei as mediators. <i>Essays in Biochemistry</i> , 2020, 64, 753-764.	2.1	19
156	Ferroptosis becomes immunogenic: implications for anticancer treatments. <i>Oncolimmunology</i> , 2021, 10, 1862949.	2.1	55
157	Autophagy Impairment through Lysosome Dysfunction by Brucine Induces Immunogenic Cell Death (ICD). <i>The American Journal of Chinese Medicine</i> , 2020, 48, 1915-1940.	1.5	13
158	Circulating RIPK3 levels are associated with mortality and organ failure during critical illness. <i>JCI Insight</i> , 2018, 3, .	2.3	32
159	Topoisomerases and cancer chemotherapy: recent advances and unanswered questions. <i>F1000Research</i> , 2019, 8, 1704.	0.8	42
160	The humanized anti-human AMHRII mAb 3C23K exerts an anti-tumor activity against human ovarian cancer through tumor-associated macrophages. <i>Oncotarget</i> , 2017, 8, 99950-99965.	0.8	14
161	Stress Management: Death Receptor Signalling and Cross-Talks with the Unfolded Protein Response in Cancer. <i>Cancers</i> , 2020, 12, 1113.	1.7	12
162	DAMPs and Innate Immune Training. <i>Frontiers in Immunology</i> , 2021, 12, 699563.	2.2	29
163	Anticancer Activity of Biogenic Selenium Nanoparticles: Apoptotic and Immunogenic Cell Death Markers in Colon Cancer Cells. <i>Cancers</i> , 2021, 13, 5335.	1.7	27
164	Bi-specific macrophage nano-engager for cancer immunotherapy. <i>Nano Today</i> , 2021, 41, 101313.	6.2	15
166	Endogenous DAMPs, Category III: Inducible DAMPs (Cat. III DAMPs). , 2018, , 307-351.		1
167	Pattern Recognition Molecules. , 2020, , 13-65.		0

#	ARTICLE	IF	CITATIONS
168	Pan-cancer analysis reveals the expression, genetic alteration and prognosis of pyroptosis key gene GSDMD. <i>International Immunopharmacology</i> , 2021, 101, 108270.	1.7	27
169	Mechanisms of Action of Inhaled Particulates on Allergic Lung Inflammation. <i>Current Topics in Environmental Health and Preventive Medicine</i> , 2020, , 1-15.	0.1	0
170	The Growing World of DAMPs. , 2020, , 67-116.		0
171	The evolution of regulated cell death pathways in animals and their evasion by pathogens. <i>Physiological Reviews</i> , 2022, 102, 411-454.	13.1	45
172	Variegated Outcomes of T Cell Activation by Dendritic Cells in the Steady State. <i>Journal of Immunology</i> , 2022, 208, 539-547.	0.4	8
173	The concept of intrinsic versus extrinsic apoptosis. <i>Biochemical Journal</i> , 2022, 479, 357-384.	1.7	76
174	Immunogenic ferroptosis and where to find it?. , 2021, 9, e003430.		54
175	Ferroptosis: Oxidative stress and pathophysiology. , 2022, , 19-26.		0
176	Immunological control of ovarian carcinoma by chemotherapy and targeted anticancer agents. <i>Trends in Cancer</i> , 2022, 8, 426-444.	3.8	13
177	Pyroptosis-inducing active caspase-1 as a genetic adjuvant in anti-cancer DNA vaccination. <i>Vaccine</i> , 2022, 40, 2087-2098.	1.7	10
178	Cold atmospheric plasma delivery for biomedical applications. <i>Materials Today</i> , 2022, 54, 153-188.	8.3	35
179	Tetracyclines Enhance Anti-tumor T-Cell Responses Induced by a Bispecific T-Cell Engager. <i>Biological and Pharmaceutical Bulletin</i> , 2022, 45, 429-437.	0.6	2
180	Viral manipulation of host cell necroptosis and pyroptosis. <i>Trends in Microbiology</i> , 2022, 30, 593-605.	3.5	28
181	Targeting the Intrinsic Apoptosis Pathway: A Window of Opportunity for Prostate Cancer. <i>Cancers</i> , 2022, 14, 51.	1.7	12
182	Peptidome: Chaos or Inevitability. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13128.	1.8	7
183	Inflammation and Fibrogenesis in MAFLD: Role of the Hepatic Immune System. <i>Frontiers in Medicine</i> , 2021, 8, 781567.	1.2	16
184	A bio-responsive, cargo-catchable gel for postsurgical tumor treatment via ICD-based immunotherapy. <i>Journal of Controlled Release</i> , 2022, 346, 212-225.	4.8	17
185	ROS-triggered nanoinducer based on dermatan sulfate enhances immunogenic cell death in melanoma. <i>Journal of Controlled Release</i> , 2022, 348, 22-33.	4.8	12

#	ARTICLE	IF	CITATIONS
186	Photodynamic therapy of melanoma with new, structurally similar, NIR-absorbing ruthenium (II) complexes promotes tumor growth control via distinct hallmarks of immunogenic cell death.. American Journal of Cancer Research, 2022, 12, 210-228.	1.4	0
187	Deciphering a Novel Necroptosis-Related miRNA Signature for Predicting the Prognosis of Clear Cell Renal Carcinoma. Analytical Cellular Pathology, 2022, 2022, 1-27.	0.7	7
188	The Effect of Hypothermic Machine Perfusion to Ameliorate Ischemia-Reperfusion Injury in Donor Organs. Frontiers in Immunology, 2022, 13, 848352.	2.2	7
189	Immunogenic Cell Death, DAMPs and Prothymosin $\hat{\pm}$ as a Putative Anticancer Immune Response Biomarker. Cells, 2022, 11, 1415.	1.8	34
190	Controlling Cancer Cell Death Types to Optimize Anti-Tumor Immunity. Biomedicines, 2022, 10, 974.	1.4	0
191	Immunogenic stress induced by local anesthetics injected into neoplastic lesions. OncoImmunology, 2022, 11, .	2.1	3
192	Poroptosis: A form of cell death depending on plasma membrane nanopores formation. IScience, 2022, 25, 104481.	1.9	6
193	The Achillesâ€™ heel of cancer: targeting tumors via lysosome-induced immunogenic cell death. Cell Death and Disease, 2022, 13, .	2.7	32
194	Rational Vaccinology: Harnessing Nanoscale Chemical Design for Cancer Immunotherapy. ACS Central Science, 2022, 8, 692-704.	5.3	9
195	Haptoglobin Induces a Specific Proteomic Profile and a Mature-Associated Phenotype on Primary Human Monocyte-Derived Dendritic Cells. International Journal of Molecular Sciences, 2022, 23, 6882.	1.8	4
196	Ferroptosis promotes T-cell activation-induced neurodegeneration in multiple sclerosis. , 2022, 19, 913-924.		51
197	Detection of Gasdermin Activation and Lytic Cell Death During Pyroptosis and Apoptosis. Methods in Molecular Biology, 2022, , 209-237.	0.4	5
198	RT-PCR-assisted quantification of type I IFN responses in irradiated cancer cells. Methods in Cell Biology, 2022, , .	0.5	0
199	Immunogenic Cell Death and Role of Nanomaterials Serving as Therapeutic Vaccine for Personalized Cancer Immunotherapy. Frontiers in Immunology, 0, 13, .	2.2	19
200	Cancer cells dying from ferroptosis impede dendritic cell-mediated anti-tumor immunity. Nature Communications, 2022, 13, .	5.8	100
201	Trial watch: Dendritic cell (DC)-based immunotherapy for cancer. OncoImmunology, 2022, 11, .	2.1	54
202	Apoptotic and Necroptotic Mediators are Differentially Expressed in Mucinous and Non-Mucinous Colorectal Cancer. Frontiers in Oncology, 0, 12, .	1.3	0
203	A multiplex implantable microdevice assay identifies synergistic combinations of cancer immunotherapies and conventional drugs. Nature Biotechnology, 2022, 40, 1823-1833.	9.4	17

#	ARTICLE	IF	CITATIONS
204	Epithelialâ€“Mesenchymal Transition Suppresses AMPK and Sensitizes Cancer Cells to Pyroptosis under Energy Stress. <i>Cells</i> , 2022, 11, 2208.	1.8	2
205	Light triggered release of a triple action porphyrin-cisplatin conjugate evokes stronger immunogenic cell death for chemotherapy, photodynamic therapy and cancer immunotherapy. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	4.2	24
206	A nanoparticle-based tour de force for enhancing immunogenic cell death elicited by photodynamic therapy. <i>Oncolimmunology</i> , 2022, 11, .	2.1	4
207	Electroporation Parameters for Human Cardiomyocyte Ablation In Vitro. <i>Journal of Cardiovascular Development and Disease</i> , 2022, 9, 240.	0.8	10
208	Establishing electroporation thresholds for targeted cell specific cardiac ablation in a 2D culture model. <i>Journal of Cardiovascular Electrophysiology</i> , 2022, 33, 2050-2061.	0.8	11
209	Protein-Based Adjuvants for Vaccines as Immunomodulators of the Innate and Adaptive Immune Response: Current Knowledge, Challenges, and Future Opportunities. <i>Pharmaceutics</i> , 2022, 14, 1671.	2.0	16
210	Integration of miRNA:mRNA Co-Expression Revealed Crucial Mechanisms Modulated in Immunogenic Cancer Cell Death. <i>Biomedicines</i> , 2022, 10, 1896.	1.4	2
211	The Potential of Topoisomerase Inhibitor-Based Antibodyâ€“Drug Conjugates. <i>Pharmaceutics</i> , 2022, 14, 1707.	2.0	12
212	A new personalized vaccine strategy based on inducing the pyroptosis of tumor cells in vivo by transgenic expression of a truncated GSDMD N-terminus. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
213	Pyroptosis-based nanotherapeutics: Possible mechanisms for cancer treatment. <i>Life Sciences</i> , 2022, 308, 120970.	2.0	4
214	Quantification of cytosolic DNA species by immunofluorescence microscopy and automated image analysis. <i>Methods in Cell Biology</i> , 2022, , 115-134.	0.5	0
215	Ischemia and reperfusion injury combined with cisplatin induces immunogenic cell death in lung cancer cells. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	5
217	Immunogenic cell death (ICD)-inducers in non-small-cell lung carcinoma (NSCLC): current knowledge and future perspective. <i>Clinical and Translational Oncology</i> , 0, , .	1.2	2
218	Autophagy in Cancer Immunotherapy. <i>Cells</i> , 2022, 11, 2996.	1.8	17
219	The resurrection of RIP kinase 1 as an early cell death checkpoint regulatorâ€“a potential target for therapy in the necroptosis era. <i>Experimental and Molecular Medicine</i> , 2022, 54, 1401-1411.	3.2	14
220	Nanoparticles releasing immunogenic cell death inducers upon near-infrared light exposure. <i>Oncolimmunology</i> , 2022, 11, .	2.1	1
221	Immunogenic cell death as driver of autoimmunity in granulomatosis with polyangiitis. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
222	Targeting N6-methyladenosine reader YTHDF1 promotes second near-infrared Nano-Photothermal immunotherapy. <i>Chemical Engineering Journal</i> , 2023, 453, 139635.	6.6	5

#	ARTICLE	IF	CITATIONS
223	System analysis based on the pyroptosis-related genes identifies GSDMC as a novel therapy target for pancreatic adenocarcinoma. <i>Journal of Translational Medicine</i> , 2022, 20, .	1.8	14
224	Injectable versatile liquid-solid transformation implants alliance checkpoint blockade for magnetothermal dynamic-immunotherapy. <i>Materials Today Bio</i> , 2022, 16, 100442.	2.6	0
225	Calpains Released from Necrotic Tumor Cells Enhance Antigen Cross-Presentation to Activate CD8 <sup>+</sup> T Cells In Vitro. <i>Journal of Immunology</i> , 2022, 209, 1635-1651.	0.4	0
226	Enhancing Gasdermin-induced tumor pyroptosis through preventing ESCRT-dependent cell membrane repair augments antitumor immune response. <i>Nature Communications</i> , 2022, 13, .	5.8	44
227	Sex differences in apoptosis do not contribute to sex differences in blood pressure or renal T cells in spontaneously hypertensive rats. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	0
228	Regulation of Immune Cells by microRNAs and microRNA-Based Cancer Immunotherapy. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 75-108.	0.8	1
229	Insight into the Prospects for Tumor Therapy Based on Photodynamic Immunotherapy. <i>Pharmaceuticals</i> , 2022, 15, 1359.	1.7	5
230	Upregulated Immunogenic Cell-Death-Associated Gene Signature Predicts Reduced Responsiveness to Immune-Checkpoint-Blockade Therapy and Poor Prognosis in High-Grade Gliomas. <i>Cells</i> , 2022, 11, 3655.	1.8	2
231	RIPK1 and RIPK3 in antibacterial defence. <i>Biochemical Society Transactions</i> , 2022, 50, 1583-1594.	1.6	4
232	Suppression of innate immunity by the vaccinia virus protein N1 promotes skin microbiota expansion and increased immune infiltration following vaccination. <i>Journal of General Virology</i> , 2022, 103, .	1.3	0
233	Tumor Microenvironment-Activable Manganese-Boosted Catalytic Immunotherapy Combined with PD-1 Checkpoint Blockade. <i>ACS Nano</i> , 2022, 16, 20400-20418.	7.3	27
234	DAMP-mediated inflammation and regulated cell death in immunoinflammatory rheumatic diseases. <i>Medical Immunology (Russia)</i> , 2023, 25, 7-38.	0.1	0
235	Effective adjuvantation of nanograms of influenza vaccine and induction of cross-protective immunity by physical radiofrequency adjuvant. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
237	A hierarchy of cell death pathways confers layered resistance to shigellosis in mice. <i>ELife</i> , 0, 12, .	2.8	10
238	Bioresponsive Immunotherapeutic Materials. <i>Advanced Materials</i> , 0, , .	11.1	11
239	Emerging adjuvants for intradermal vaccination. <i>International Journal of Pharmaceutics</i> , 2023, 632, 122559.	2.6	9
240	Novel immunogenic cell death-related risk signature to predict prognosis and immune microenvironment in lung adenocarcinoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2023, 149, 307-323.	1.2	5
241	Biomaterials-Mediated Engineering of the Immune System. <i>Annual Review of Immunology</i> , 2023, 41, 153-179.	9.5	6

#	ARTICLE	IF	CITATIONS
242	Perspectives of the Danger/Injury Model of Immunology as Applied to Antigen-Related Human Disorders. , 2023, , 3-44.		1
243	Resistance to Antibody-Drug Conjugates Targeting HER2 in Breast Cancer: Molecular Landscape and Future Challenges. <i>Cancers</i> , 2023, 15, 1130.	1.7	7
244	DNGR-1-mediated cross-presentation of dead cell-associated antigens. <i>Seminars in Immunology</i> , 2023, 66, 101726.	2.7	5
245	Cell death, therapeutics, and the immune response in cancer. <i>Trends in Cancer</i> , 2023, 9, 381-396.	3.8	29
246	Ferroptosis, pyroptosis and necroptosis in acute respiratory distress syndrome. <i>Cell Death Discovery</i> , 2023, 9, .	2.0	6
247	Activation of immune signals during organ transplantation. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	17
248	Identification of Immunogenic Cell-Death-Related Subtypes and Development of a Prognostic Signature in Gastric Cancer. <i>Biomolecules</i> , 2023, 13, 528.	1.8	1
249	Integrative analysis revealed that distinct cuproptosis patterns reshaped tumor microenvironment and responses to immunotherapy of colorectal cancer. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	2
251	<i>In Situ</i> Separable Nanovaccines with Stealthy Bioadhesive Capability for Durable Cancer Immunotherapy. <i>Journal of the American Chemical Society</i> , 0, , .	6.6	4
252	Dendritic cell subsets in cancer immunity and tumor antigen sensing. , 2023, 20, 432-447.		54
253	Emerging insights into the role of ferroptosis in the pathogenesis of autoimmune diseases. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	7
254	Copper metabolism in cell death and autophagy. <i>Autophagy</i> , 2023, 19, 2175-2195.	4.3	55
255	Chemotherapeutic and targeted drugs-induced immunogenic cell death in cancer models and antitumor therapy: An update review. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	13
256	Hydroxyapatite nanoparticles promote TLR4 agonist-mediated anti-tumor immunity through synergically enhanced macrophage polarization. <i>Acta Biomaterialia</i> , 2023, 164, 626-640.	4.1	6
258	The effect of COVID-19 on cancer immunotherapy and cancer care. , 2024, , 289-310.e7.		0
260	Non-lethal outcomes of engaging regulated cell death pathways in cancer. <i>Nature Cancer</i> , 2023, 4, 795-806.	5.7	11
262	New insights into T-cell exhaustion in liver cancer: from mechanism to therapy. <i>Journal of Cancer Research and Clinical Oncology</i> , 2023, 149, 12543-12560.	1.2	1
266	Roles of RIPK1 as a stress sentinel coordinating cell survival and immunogenic cell death. <i>Nature Reviews Molecular Cell Biology</i> , 2023, 24, 835-852.	16.1	3

#	ARTICLE	IF	CITATIONS
295	Nanocatalysts for modulating antitumor immunity: fabrication, mechanisms and applications. Chemical Society Reviews, 2024, 53, 2643-2692.	18.7	0