List of Publications by Year in descending order

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ARHISHER D. CARC

#	Article	IF	CITATIONS
1	Stress-induced inflammation evoked by immunogenic cell death is blunted by the IRE1α kinase inhibitor KIRA6 through HSP60 targeting. Cell Death and Differentiation, 2022, 29, 230-245.	11.2	12
2	Plexin-A4 Mediates Cytotoxic T-cell Trafficking and Exclusion in Cancer. Cancer Immunology Research, 2022, 10, 126-141.	3.4	9
3	A first-in-class, non-invasive, immunodynamic biomarker approach for precision immuno-oncology. Oncolmmunology, 2022, 11, 2024692.	4.6	6
4	Immunogenic cell death and its therapeutic or prognostic potential in high-grade glioma. Genes and Immunity, 2022, 23, 1-11.	4.1	24
5	Trial watch: Dendritic cell (DC)-based immunotherapy for cancer. Oncolmmunology, 2022, 11, .	4.6	54
6	High dimensional profiling identifies specific immune types along the recovery trajectories of critically ill COVID19 patients. Cellular and Molecular Life Sciences, 2021, 78, 3987-4002.	5.4	13
7	A single-cell map of intratumoral changes during anti-PD1 treatment of patients with breast cancer. Nature Medicine, 2021, 27, 820-832.	30.7	330
8	BNIP3 promotes HIFâ€1αâ€driven melanoma growth by curbing intracellular iron homeostasis. EMBO Journal, 2021, 40, e106214.	7.8	38
9	Immunology of Cell Death in Cancer Immunotherapy. Cells, 2021, 10, 1208.	4.1	10
10	Early memory differentiation and cell death resistance in T cells predicts melanoma response to sequential anti-CTLA4 and anti-PD1 immunotherapy. Genes and Immunity, 2021, 22, 108-119.	4.1	17
11	Monocyte-driven atypical cytokine storm and aberrant neutrophil activation as key mediators of COVID-19 disease severity. Nature Communications, 2021, 12, 4117.	12.8	170
12	Discriminating mild from critical COVID-19 by innate and adaptive immune single-cell profiling of bronchoalveolar lavages. Cell Research, 2021, 31, 272-290.	12.0	229
13	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /C	verlock 10) Tf 50 262 1,430
14	Peripherally-driven myeloid NFkB and IFN/ISG responses predict malignancy risk, survival, and immunotherapy regime in ovarian cancer. , 2021, 9, e003609.		24
15	Identification of Potential Prognostic and Predictive Immunological Biomarkers in Patients with Stage I and Stage III Non-Small Cell Lung Cancer (NSCLC): A Prospective Exploratory Study. Cancers, 2021, 13, 6259.	3.7	17
16	Decoding cancer cell death-driven immune cell recruitment: An in vivo method for site-of-vaccination analyses. Methods in Enzymology, 2020, 636, 185-207.	1.0	9
17	Type I interferons and endoplasmic reticulum stress in health and disease. International Review of Cell and Molecular Biology, 2020, 350, 63-118.	3.2	53
18	Increased ILâ€10â€producing regulatory T cells are characteristic of severe cases of COVIDâ€19. Clinical and Translational Immunology, 2020, 9, e1204.	3.8	59

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19	Necroptosis in Immuno-Oncology and Cancer Immunotherapy. Cells, 2020, 9, 1823.	4.1	109
20	Establishing a Unified COVID-19 "Immunome― Integrating Coronavirus Pathogenesis and Host Immunopathology. Frontiers in Immunology, 2020, 11, 1642.	4.8	11
21	Trial watch: chemotherapy-induced immunogenic cell death in immuno-oncology. Oncolmmunology, 2020, 9, 1703449.	4.6	156
22	Consensus guidelines for the definition, detection and interpretation of immunogenic cell death. , 2020, 8, e000337.		610
23	Diversifying the platinum-based chemotherapy toolkit for immunogenic cancer cell death. Oncotarget, 2020, 11, 3352-3353.	1.8	3
24	Trial watch: dendritic cell vaccination for cancer immunotherapy. Oncolmmunology, 2019, 8, 1638212.	4.6	125
25	Type I interferons and dendritic cells in cancer immunotherapy. International Review of Cell and Molecular Biology, 2019, 348, 217-262.	3.2	81
26	Defining the role of the tumor vasculature in antitumor immunity and immunotherapy. Cell Death and Disease, 2018, 9, 115.	6.3	408
27	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	11.2	4,036
28	BNIP3 modulates the interface between B16-F10 melanoma cells and immune cells. Oncotarget, 2018, 9, 17631-17644.	1.8	12
29	Drug-induced ciliogenesis in pancreatic cancer cells is facilitated by the secreted ATP-purinergic receptor signaling pathway. Oncotarget, 2018, 9, 3507-3518.	1.8	3
30	Pathogen response-like recruitment and activation of neutrophils by sterile immunogenic dying cells drives neutrophil-mediated residual cell killing. Cell Death and Differentiation, 2017, 24, 832-843.	11.2	111
31	EV-TRACK: transparent reporting and centralizing knowledge in extracellular vesicle research. Nature Methods, 2017, 14, 228-232.	19.0	886
32	Preclinical efficacy of immune-checkpoint monotherapy does not recapitulate corresponding biomarkers-based clinical predictions in glioblastoma. Oncolmmunology, 2017, 6, e1295903.	4.6	64
33	Trial watch: Dendritic cell-based anticancer immunotherapy. Oncolmmunology, 2017, 6, e1328341.	4.6	87
34	Sensitization of glioblastoma tumor micro-environment to chemo- and immunotherapy by Galectin-1 intranasal knock-down strategy. Scientific Reports, 2017, 7, 1217.	3.3	105
35	Integrating Next-Generation Dendritic Cell Vaccines into the Current Cancer Immunotherapy Landscape. Trends in Immunology, 2017, 38, 577-593.	6.8	276
36	Computed determination of the in vitro optimal chemocombinations of sphaeropsidin A with chemotherapeutic agents to combat melanomas. Cancer Chemotherapy and Pharmacology, 2017, 79, 971-983.	2.3	10

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37	Trial watch: Immunogenic cell death induction by anticancer chemotherapeutics. Oncolmmunology, 2017, 6, e1386829.	4.6	209
38	Cell death and immunity in cancer: From danger signals to mimicry of pathogen defense responses. Immunological Reviews, 2017, 280, 126-148.	6.0	325
39	An autophagy-driven pathway of ATP secretion supports the aggressive phenotype of BRAF ^{V600E} inhibitor-resistant metastatic melanoma cells. Autophagy, 2017, 13, 1512-1527.	9.1	70
40	The Unfolded Protein Response in Immunogenic Cell Death and Cancer Immunotherapy. Trends in Cancer, 2017, 3, 643-658.	7.4	152
41	Orientation of Preclinical Research in Ovarian Cancer. International Journal of Gynecological Cancer, 2017, 27, 1579-1586.	2.5	Ο
42	Caspase-2 and oxidative stress underlie the immunogenic potential of high hydrostatic pressure-induced cancer cell death. Oncolmmunology, 2017, 6, e1258505.	4.6	30
43	Editorial: Immunogenic Cell Death in Cancer: From Benchside Research to Bedside Reality. Frontiers in Immunology, 2016, 7, 110.	4.8	17
44	Vaccination with Necroptotic Cancer Cells Induces Efficient Anti-tumor Immunity. Cell Reports, 2016, 15, 274-287.	6.4	317
45	Dendritic cell vaccines based on immunogenic cell death elicit danger signals and T cell–driven rejection of high-grade glioma. Science Translational Medicine, 2016, 8, 328ra27.	12.4	220
46	DAMP—Induced Allograft and Tumor Rejection: The Circle Is Closing. American Journal of Transplantation, 2016, 16, 3322-3337.	4.7	61
47	Transplantation and Damage-Associated Molecular Patterns (DAMPs). American Journal of Transplantation, 2016, 16, 3338-3361.	4.7	125
48	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
49	Extracellular ATP and P2X7 receptor exert context-specific immunogenic effects after immunogenic cancer cell death. Cell Death and Disease, 2016, 7, e2097-e2097.	6.3	40
50	Immunogenic versus tolerogenic phagocytosis during anticancer therapy: mechanisms and clinical translation. Cell Death and Differentiation, 2016, 23, 938-951.	11.2	104
51	Coordination of stress, Ca ²⁺ , and immunogenic signaling pathways by PERK at the endoplasmic reticulum. Biological Chemistry, 2016, 397, 649-656.	2.5	18
52	Immunological metagene signatures derived from immunogenic cancer cell death associate with improved survival of patients with lung, breast or ovarian malignancies: A large-scale meta-analysis. OncoImmunology, 2016, 5, e1069938.	4.6	148
53	Irradiation of necrotic cancer cells, employed for pulsing dendritic cells (DCs), potentiates DC vaccine-induced antitumor immunity against high-grade glioma. Oncolmmunology, 2016, 5, e1083669.	4.6	49
54	The Use of Toll-like Receptor 4 Agonist to Reshape the Immune Signature in Ovarian Cancer. Anticancer Research, 2016, 36, 5781-5792.	1.1	14

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55	In Vitro Generation of Murine Dendritic Cells for Cancer Immunotherapy: An Optimized Protocol. Anticancer Research, 2016, 36, 5793-5802.	1.1	11
56	Melphalan, Antimelanoma Immunity, and Inflammation—Response. Cancer Research, 2015, 75, 5400-5401.	0.9	4
57	Resistance to anticancer vaccination effect is controlled by a cancer cell-autonomous phenotype that disrupts immunogenic phagocytic removal. Oncotarget, 2015, 6, 26841-26860.	1.8	79
58	Immunogenic cell death. International Journal of Developmental Biology, 2015, 59, 131-140.	0.6	181
59	Molecular and Translational Classifications of DAMPs in Immunogenic Cell Death. Frontiers in Immunology, 2015, 6, 588.	4.8	317
60	Concurrent MEK and autophagy inhibition is required to restore cell death associated danger-signalling in Vemurafenib-resistant melanoma cells. Biochemical Pharmacology, 2015, 93, 290-304.	4.4	49
61	Targeting the hallmarks of cancer with therapy-induced endoplasmic reticulum (ER) stress. Molecular and Cellular Oncology, 2015, 2, e975089.	0.7	58
62	Autophagy, a major adaptation pathway shaping cancer cell death and anticancer immunity responses following photodynamic therapy. Photochemical and Photobiological Sciences, 2015, 14, 1410-1424.	2.9	50
63	The PERKs of damage-associated molecular patterns mediating cancer immunogenicity: From sensor to the plasma membrane and beyond. Seminars in Cancer Biology, 2015, 33, 74-85.	9.6	48
64	Autophagy Induced by Photodynamic Therapy (PDT): Shaping Resistance Against Cell Death and Anti-Tumor Immunity. Resistance To Targeted Anti-cancer Therapeutics, 2015, , 99-116.	0.1	0
65	Antitumor Immunity Triggered by Melphalan Is Potentiated by Melanoma Cell Surface–Associated Calreticulin. Cancer Research, 2015, 75, 1603-1614.	0.9	86
66	Melanoma targeting with the loco-regional chemotherapeutic, Melphalan: From cell death to immunotherapeutic efficacy. Oncolmmunology, 2015, 4, e1054600.	4.6	4
67	Citrullinated Glucose-Regulated Protein 78 Is an Autoantigen in Type 1 Diabetes. Diabetes, 2015, 64, 573-586.	0.6	136
68	Newcastle disease virotherapy induces longâ€ŧerm survival and tumorâ€specific immune memory in orthotopic glioma through the induction of immunogenic cell death. International Journal of Cancer, 2015, 136, E313-25.	5.1	165
69	Melanoma immunotherapy. Oncoscience, 2015, 2, 845-846.	2.2	2
70	Classification of current anticancer immunotherapies. Oncotarget, 2014, 5, 12472-12508.	1.8	395
71	Consensus guidelines for the detection of immunogenic cell death. Oncolmmunology, 2014, 3, e955691.	4.6	686
72	BNIP3 supports melanoma cell migration and vasculogenic mimicry by orchestrating the actin cytoskeleton. Cell Death and Disease, 2014, 5, e1127-e1127.	6.3	113

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73	Physical modalities inducing immunogenic tumor cell death for cancer immunotherapy. Oncolmmunology, 2014, 3, e968434.	4.6	160
74	ER stress, autophagy and immunogenic cell death in photodynamic therapy-induced anti-cancer immune responses. Photochemical and Photobiological Sciences, 2014, 13, 474-487.	2.9	214
75	Danger signalling during cancer cell death: origins, plasticity and regulation. Cell Death and Differentiation, 2014, 21, 26-38.	11.2	187
76	Irradiation of necrotic tumor cells used to pulse dendritic cells (DCs) potentiates DC vaccine-induced anti-tumor immunity in a mouse model of high-grade glioma. , 2014, 2, .		1
77	Targeting ER stress induced apoptosis and inflammation in cancer. Cancer Letters, 2013, 332, 249-264.	7.2	331
78	Pro-apoptotic signaling induced by photo-oxidative ER stress is amplified by Noxa, not Bim. Biochemical and Biophysical Research Communications, 2013, 438, 500-506.	2.1	38
79	Cancer immunogenicity, danger signals, and DAMPs: What, when, and how?. BioFactors, 2013, 39, 355-367.	5.4	92
80	Inducers of immunogenic cancer cell death. Cytokine and Growth Factor Reviews, 2013, 24, 319-333.	7.2	209
81	Autophagy: shaping the tumor microenvironment and therapeutic response. Trends in Molecular Medicine, 2013, 19, 428-446.	6.7	237
82	Immature, Semi-Mature, and Fully Mature Dendritic Cells: Toward a DC-Cancer Cells Interface That Augments Anticancer Immunity. Frontiers in Immunology, 2013, 4, 438.	4.8	289
83	ROS-induced autophagy in cancer cells assists in evasion from determinants of immunogenic cell death. Autophagy, 2013, 9, 1292-1307.	9.1	252
84	Autophagy-dependent suppression of cancer immunogenicity and effector mechanisms of innate and adaptive immunity. Oncolmmunology, 2013, 2, e26260.	4.6	33
85	Calreticulin surface exposure is abrogated in cells lacking, chaperone-mediated autophagy-essential gene, LAMP2A. Cell Death and Disease, 2013, 4, e826-e826.	6.3	52
86	Contribution of ER Stress to Immunogenic Cancer Cell Death. , 2012, , 413-428.		2
87	The emergence of phox-ER stress induced immunogenic apoptosis. Oncolmmunology, 2012, 1, 786-788.	4.6	89
88	Immunogenic cell death and DAMPs in cancer therapy. Nature Reviews Cancer, 2012, 12, 860-875.	28.4	1,984
89	A novel pathway combining calreticulin exposure and ATP secretion in immunogenic cancer cell death. EMBO Journal, 2012, 31, 1062-1079.	7.8	641

90 ER Stress and Inflammation. , 2012, , 257-279.

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91	PERK is required at the ER-mitochondrial contact sites to convey apoptosis after ROS-based ER stress. Cell Death and Differentiation, 2012, 19, 1880-1891.	11.2	620
92	ER stress-induced inflammation: does it aid or impede disease progression?. Trends in Molecular Medicine, 2012, 18, 589-598.	6.7	340
93	Hypericin-based photodynamic therapy induces surface exposure of damage-associated molecular patterns like HSP70 and calreticulin. Cancer Immunology, Immunotherapy, 2012, 61, 215-221.	4.2	246
94	In Vitro Studies on Erythrosine-Based Photodynamic Therapy of Malignant and Pre-Malignant Oral Epithelial Cells. PLoS ONE, 2012, 7, e34475.	2.5	48
95	DAMPs and PDT-mediated photo-oxidative stress: exploring the unknown. Photochemical and Photobiological Sciences, 2011, 10, 670-680.	2.9	131
96	Emerging role of damage-associated molecular patterns derived from mitochondria in inflammation. Trends in Immunology, 2011, 32, 157-164.	6.8	564
97	Photodynamic therapy: illuminating the road from cell death towards anti-tumour immunity. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 1050-1071.	4.9	253
98	Immunogenic cell death, DAMPs and anticancer therapeutics: An emerging amalgamation. Biochimica Et Biophysica Acta: Reviews on Cancer, 2010, 1805, 53-71.	7.4	292
99	Antimicrobial activity of skin secretions isolated from Indian toad, Bufo melanostictus Schneider 1799. Nature Precedings, 2007, , .	0.1	4
100	Efficient in silico designing of oligonucleotides for artificial gene synthesis. Protocol Exchange, 0, , .	0.3	2
101	Monocyte-Driven Atypical Cytokine Storm and Aberrant Neutrophil Activation as Key Mediators of COVID19 Disease Severity. SSRN Electronic Journal, 0, , .	0.4	3
102	Studying effect of hypergravity on cleavage timings in developing embryos of Limnaea. Protocol Exchange, 0, , .	0.3	0
103	Immunogenic Cell Death in Cancer: From Benchside Research to Bedside Reality. Frontiers Research Topics, 0, , .	0.2	0