

Abhishek D. Garg

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

25,925
citations

30551

56
h-index

45040

94
g-index

112
all docs

112
docs citations

112
times ranked

41083
citing authors

#	ARTICLE	IF	CITATIONS
1	Stress-induced inflammation evoked by immunogenic cell death is blunted by the IRE1 β kinase inhibitor KIRA6 through HSP60 targeting. <i>Cell Death and Differentiation</i> , 2022, 29, 230-245.	5.0	12
2	Plexin-A4 Mediates Cytotoxic T-cell Trafficking and Exclusion in Cancer. <i>Cancer Immunology Research</i> , 2022, 10, 126-141.	1.6	9
3	A first-in-class, non-invasive, immunodynamic biomarker approach for precision immuno-oncology. <i>Oncolmmunology</i> , 2022, 11, 2024692.	2.1	6
4	Immunogenic cell death and its therapeutic or prognostic potential in high-grade glioma. <i>Genes and Immunity</i> , 2022, 23, 1-11.	2.2	24
5	Trial watch: Dendritic cell (DC)-based immunotherapy for cancer. <i>Oncolmmunology</i> , 2022, 11, .	2.1	54
6	High dimensional profiling identifies specific immune types along the recovery trajectories of critically ill COVID19 patients. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 3987-4002.	2.4	13
7	A single-cell map of intratumoral changes during anti-PD1 treatment of patients with breast cancer. <i>Nature Medicine</i> , 2021, 27, 820-832.	15.2	330
8	BNIP3 promotes HIF α -driven melanoma growth by curbing intracellular iron homeostasis. <i>EMBO Journal</i> , 2021, 40, e106214.	3.5	38
9	Immunology of Cell Death in Cancer Immunotherapy. <i>Cells</i> , 2021, 10, 1208.	1.8	10
10	Early memory differentiation and cell death resistance in T cells predicts melanoma response to sequential anti-CTLA4 and anti-PD1 immunotherapy. <i>Genes and Immunity</i> , 2021, 22, 108-119.	2.2	17
11	Monocyte-driven atypical cytokine storm and aberrant neutrophil activation as key mediators of COVID-19 disease severity. <i>Nature Communications</i> , 2021, 12, 4117.	5.8	170
12	Discriminating mild from critical COVID-19 by innate and adaptive immune single-cell profiling of bronchoalveolar lavages. <i>Cell Research</i> , 2021, 31, 272-290.	5.7	229
13	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 262 4.3 1,430		
14	Peripherally-driven myeloid NF κ B 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. <i>Cancers</i> , 2021, 13, 6259.	1.7	17
16	Decoding cancer cell death-driven immune cell recruitment: An in vivo method for site-of-vaccination analyses. <i>Methods in Enzymology</i> , 2020, 636, 185-207.	0.4	9
17	Type I interferons and endoplasmic reticulum stress in health and disease. <i>International Review of Cell and Molecular Biology</i> , 2020, 350, 63-118.	1.6	53
18	Increased IL α -producing regulatory T cells are characteristic of severe cases of COVID α 19. <i>Clinical and Translational Immunology</i> , 2020, 9, e1204.	1.7	59

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19	Necroptosis in Immuno-Oncology and Cancer Immunotherapy. <i>Cells</i> , 2020, 9, 1823.	1.8	109
20	Establishing a Unified COVID-19 "Immunome": Integrating Coronavirus Pathogenesis and Host Immunopathology. <i>Frontiers in Immunology</i> , 2020, 11, 1642.	2.2	11
21	Trial watch: chemotherapy-induced immunogenic cell death in immuno-oncology. <i>Oncolimmunology</i> , 2020, 9, 1703449.	2.1	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. <i>Oncotarget</i> , 2020, 11, 3352-3353.	0.8	3
24	Trial watch: dendritic cell vaccination for cancer immunotherapy. <i>Oncolimmunology</i> , 2019, 8, 1638212.	2.1	125
25	Type I interferons and dendritic cells in cancer immunotherapy. <i>International Review of Cell and Molecular Biology</i> , 2019, 348, 217-262.	1.6	81
26	Defining the role of the tumor vasculature in antitumor immunity and immunotherapy. <i>Cell Death and Disease</i> , 2018, 9, 115.	2.7	408
27	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
28	BNIP3 modulates the interface between B16-F10 melanoma cells and immune cells. <i>Oncotarget</i> , 2018, 9, 17631-17644.	0.8	12
29	Drug-induced ciliogenesis in pancreatic cancer cells is facilitated by the secreted ATP-purinergic receptor signaling pathway. <i>Oncotarget</i> , 2018, 9, 3507-3518.	0.8	3
30	Pathogen response-like recruitment and activation of neutrophils by sterile immunogenic dying cells drives neutrophil-mediated residual cell killing. <i>Cell Death and Differentiation</i> , 2017, 24, 832-843.	5.0	111
31	EV-TRACK: transparent reporting and centralizing knowledge in extracellular vesicle research. <i>Nature Methods</i> , 2017, 14, 228-232.	9.0	886
32	Preclinical efficacy of immune-checkpoint monotherapy does not recapitulate corresponding biomarkers-based clinical predictions in glioblastoma. <i>Oncolimmunology</i> , 2017, 6, e1295903.	2.1	64
33	Trial watch: Dendritic cell-based anticancer immunotherapy. <i>Oncolimmunology</i> , 2017, 6, e1328341.	2.1	87
34	Sensitization of glioblastoma tumor micro-environment to chemo- and immunotherapy by Galectin-1 intranasal knock-down strategy. <i>Scientific Reports</i> , 2017, 7, 1217.	1.6	105
35	Integrating Next-Generation Dendritic Cell Vaccines into the Current Cancer Immunotherapy Landscape. <i>Trends in Immunology</i> , 2017, 38, 577-593.	2.9	276
36	Computed determination of the in vitro optimal chemocombinations of sphaeropsidin A with chemotherapeutic agents to combat melanomas. <i>Cancer Chemotherapy and Pharmacology</i> , 2017, 79, 971-983.	1.1	10

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37	Trial watch: Immunogenic cell death induction by anticancer chemotherapeutics. <i>Oncolimmunology</i> , 2017, 6, e1386829.	2.1	209
38	Cell death and immunity in cancer: From danger signals to mimicry of pathogen defense responses. <i>Immunological Reviews</i> , 2017, 280, 126-148.	2.8	325
39	An autophagy-driven pathway of ATP secretion supports the aggressive phenotype of BRAF ^{V600E} inhibitor-resistant metastatic melanoma cells. <i>Autophagy</i> , 2017, 13, 1512-1527.	4.3	70
40	The Unfolded Protein Response in Immunogenic Cell Death and Cancer Immunotherapy. <i>Trends in Cancer</i> , 2017, 3, 643-658.	3.8	152
41	Orientation of Preclinical Research in Ovarian Cancer. <i>International Journal of Gynecological Cancer</i> , 2017, 27, 1579-1586.	1.2	0
42	Caspase-2 and oxidative stress underlie the immunogenic potential of high hydrostatic pressure-induced cancer cell death. <i>Oncolimmunology</i> , 2017, 6, e1258505.	2.1	30
43	Editorial: Immunogenic Cell Death in Cancer: From Benchside Research to Bedside Reality. <i>Frontiers in Immunology</i> , 2016, 7, 110.	2.2	17
44	Vaccination with Necroptotic Cancer Cells Induces Efficient Anti-tumor Immunity. <i>Cell Reports</i> , 2016, 15, 274-287.	2.9	317
45	Dendritic cell vaccines based on immunogenic cell death elicit danger signals and T cell-driven rejection of high-grade glioma. <i>Science Translational Medicine</i> , 2016, 8, 328ra27.	5.8	220
46	DAMP-Induced Allograft and Tumor Rejection: The Circle Is Closing. <i>American Journal of Transplantation</i> , 2016, 16, 3322-3337.	2.6	61
47	Transplantation and Damage-Associated Molecular Patterns (DAMPs). <i>American Journal of Transplantation</i> , 2016, 16, 3338-3361.	2.6	125
48	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
49	Extracellular ATP and P2X7 receptor exert context-specific immunogenic effects after immunogenic cancer cell death. <i>Cell Death and Disease</i> , 2016, 7, e2097-e2097.	2.7	40
50	Immunogenic versus tolerogenic phagocytosis during anticancer therapy: mechanisms and clinical translation. <i>Cell Death and Differentiation</i> , 2016, 23, 938-951.	5.0	104
51	Coordination of stress, Ca ²⁺ , and immunogenic signaling pathways by PERK at the endoplasmic reticulum. <i>Biological Chemistry</i> , 2016, 397, 649-656.	1.2	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. <i>Oncolimmunology</i> , 2016, 5, e1069938.	2.1	148
53	Irradiation of necrotic cancer cells, employed for pulsing dendritic cells (DCs), potentiates DC vaccine-induced antitumor immunity against high-grade glioma. <i>Oncolimmunology</i> , 2016, 5, e1083669.	2.1	49
54	The Use of Toll-like Receptor 4 Agonist to Reshape the Immune Signature in Ovarian Cancer. <i>Anticancer Research</i> , 2016, 36, 5781-5792.	0.5	14

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55	In Vitro Generation of Murine Dendritic Cells for Cancer Immunotherapy: An Optimized Protocol. <i>Anticancer Research</i> , 2016, 36, 5793-5802.	0.5	11
56	Melphalan, Antimelanoma Immunity, and Inflammationâ€™Response. <i>Cancer Research</i> , 2015, 75, 5400-5401.	0.4	4
57	Resistance to anticancer vaccination effect is controlled by a cancer cell-autonomous phenotype that disrupts immunogenic phagocytic removal. <i>Oncotarget</i> , 2015, 6, 26841-26860.	0.8	79
58	Immunogenic cell death. <i>International Journal of Developmental Biology</i> , 2015, 59, 131-140.	0.3	181
59	Molecular and Translational Classifications of DAMPs in Immunogenic Cell Death. <i>Frontiers in Immunology</i> , 2015, 6, 588.	2.2	317
60	Concurrent MEK and autophagy inhibition is required to restore cell death associated danger-signalling in Vemurafenib-resistant melanoma cells. <i>Biochemical Pharmacology</i> , 2015, 93, 290-304.	2.0	49
61	Targeting the hallmarks of cancer with therapy-induced endoplasmic reticulum (ER) stress. <i>Molecular and Cellular Oncology</i> , 2015, 2, e975089.	0.3	58
62	Autophagy, a major adaptation pathway shaping cancer cell death and anticancer immunity responses following photodynamic therapy. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1410-1424.	1.6	50
63	The PERKs of damage-associated molecular patterns mediating cancer immunogenicity: From sensor to the plasma membrane and beyond. <i>Seminars in Cancer Biology</i> , 2015, 33, 74-85.	4.3	48
64	Autophagy Induced by Photodynamic Therapy (PDT): Shaping Resistance Against Cell Death and Anti-Tumor Immunity. <i>Resistance To Targeted Anti-cancer Therapeutics</i> , 2015, , 99-116.	0.1	0
65	Antitumor Immunity Triggered by Melphalan Is Potentiated by Melanoma Cell Surfaceâ€™Associated Calreticulin. <i>Cancer Research</i> , 2015, 75, 1603-1614.	0.4	86
66	Melanoma targeting with the loco-regional chemotherapeutic, Melphalan: From cell death to immunotherapeutic efficacy. <i>Oncolmunology</i> , 2015, 4, e1054600.	2.1	4
67	Citrullinated Glucose-Regulated Protein 78 Is an Autoantigen in Type 1 Diabetes. <i>Diabetes</i> , 2015, 64, 573-586.	0.3	136
68	Newcastle disease virotherapy induces longâ€™term survival and tumorâ€™specific immune memory in orthotopic glioma through the induction of immunogenic cell death. <i>International Journal of Cancer</i> , 2015, 136, E313-25.	2.3	165
69	Melanoma immunotherapy. <i>Oncoscience</i> , 2015, 2, 845-846.	0.9	2
70	Classification of current anticancer immunotherapies. <i>Oncotarget</i> , 2014, 5, 12472-12508.	0.8	395
71	Consensus guidelines for the detection of immunogenic cell death. <i>Oncolmunology</i> , 2014, 3, e955691.	2.1	686
72	BNIP3 supports melanoma cell migration and vasculogenic mimicry by orchestrating the actin cytoskeleton. <i>Cell Death and Disease</i> , 2014, 5, e1127-e1127.	2.7	113

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73	Physical modalities inducing immunogenic tumor cell death for cancer immunotherapy. <i>Oncolmmunology</i> , 2014, 3, e968434.	2.1	160
74	ER stress, autophagy and immunogenic cell death in photodynamic therapy-induced anti-cancer immune responses. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 474-487.	1.6	214
75	Danger signalling during cancer cell death: origins, plasticity and regulation. <i>Cell Death and Differentiation</i> , 2014, 21, 26-38.	5.0	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. <i>Cancer Letters</i> , 2013, 332, 249-264.	3.2	331
78	Pro-apoptotic signaling induced by photo-oxidative ER stress is amplified by Noxa, not Bim. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 500-506.	1.0	38
79	Cancer immunogenicity, danger signals, and DAMPs: What, when, and how?. <i>BioFactors</i> , 2013, 39, 355-367.	2.6	92
80	Inducers of immunogenic cancer cell death. <i>Cytokine and Growth Factor Reviews</i> , 2013, 24, 319-333.	3.2	209
81	Autophagy: shaping the tumor microenvironment and therapeutic response. <i>Trends in Molecular Medicine</i> , 2013, 19, 428-446.	3.5	237
82	Immature, Semi-Mature, and Fully Mature Dendritic Cells: Toward a DC-Cancer Cells Interface That Augments Anticancer Immunity. <i>Frontiers in Immunology</i> , 2013, 4, 438.	2.2	289
83	ROS-induced autophagy in cancer cells assists in evasion from determinants of immunogenic cell death. <i>Autophagy</i> , 2013, 9, 1292-1307.	4.3	252
84	Autophagy-dependent suppression of cancer immunogenicity and effector mechanisms of innate and adaptive immunity. <i>Oncolmmunology</i> , 2013, 2, e26260.	2.1	33
85	Calreticulin surface exposure is abrogated in cells lacking, chaperone-mediated autophagy-essential gene, LAMP2A. <i>Cell Death and Disease</i> , 2013, 4, e826-e826.	2.7	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. <i>Oncolmmunology</i> , 2012, 1, 786-788.	2.1	89
88	Immunogenic cell death and DAMPs in cancer therapy. <i>Nature Reviews Cancer</i> , 2012, 12, 860-875.	12.8	1,984
89	A novel pathway combining calreticulin exposure and ATP secretion in immunogenic cancer cell death. <i>EMBO Journal</i> , 2012, 31, 1062-1079.	3.5	641
90	ER Stress and Inflammation. , 2012, , 257-279.		2

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91	PERK is required at the ER-mitochondrial contact sites to convey apoptosis after ROS-based ER stress. <i>Cell Death and Differentiation</i> , 2012, 19, 1880-1891.	5.0	620
92	ER stress-induced inflammation: does it aid or impede disease progression?. <i>Trends in Molecular Medicine</i> , 2012, 18, 589-598.	3.5	340
93	Hypericin-based photodynamic therapy induces surface exposure of damage-associated molecular patterns like HSP70 and calreticulin. <i>Cancer Immunology, Immunotherapy</i> , 2012, 61, 215-221.	2.0	246
94	In Vitro Studies on Erythrosine-Based Photodynamic Therapy of Malignant and Pre-Malignant Oral Epithelial Cells. <i>PLoS ONE</i> , 2012, 7, e34475.	1.1	48
95	DAMPs and PDT-mediated photo-oxidative stress: exploring the unknown. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 670-680.	1.6	131
96	Emerging role of damage-associated molecular patterns derived from mitochondria in inflammation. <i>Trends in Immunology</i> , 2011, 32, 157-164.	2.9	564
97	Photodynamic therapy: illuminating the road from cell death towards anti-tumour immunity. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 1050-1071.	2.2	253
98	Immunogenic cell death, DAMPs and anticancer therapeutics: An emerging amalgamation. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2010, 1805, 53-71.	3.3	292
99	Antimicrobial activity of skin secretions isolated from Indian toad, <i>Bufo melanostictus</i> Schneider 1799. <i>Nature Precedings</i> , 2007, , .	0.1	4
100	Efficient in silico designing of oligonucleotides for artificial gene synthesis. <i>Protocol Exchange</i> , 0, , .	0.3	2
101	Monocyte-Driven Atypical Cytokine Storm and Aberrant Neutrophil Activation as Key Mediators of COVID19 Disease Severity. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
102	Studying effect of hypergravity on cleavage timings in developing embryos of <i>Limnaea</i> . <i>Protocol Exchange</i> , 0, , .	0.3	0
103	Immunogenic Cell Death in Cancer: From Benchside Research to Bedside Reality. <i>Frontiers Research Topics</i> , 0, , .	0.2	0