

# Isabelle Cremer

## List of Publications by Year in descending order

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97  
papers

9,035  
citations

44042

48  
h-index

46771

89  
g-index

101  
all docs

101  
docs citations

101  
times ranked

14106  
citing authors

#	ARTICLE	IF	CITATIONS
1	Consensus guidelines for the detection of immunogenic cell death. <i>Oncolmmunology</i> , 2014, 3, e955691.	2.1	686
2	Presence of B Cells in Tertiary Lymphoid Structures Is Associated with a Protective Immunity in Patients with Lung Cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 832-844.	2.5	564
3	Dendritic Cells in Tumor-Associated Tertiary Lymphoid Structures Signal a Th1 Cytotoxic Immune Contexture and License the Positive Prognostic Value of Infiltrating CD8+ T Cells. <i>Cancer Research</i> , 2014, 74, 705-715.	0.4	466
4	Profound Coordinated Alterations of Intratumoral NK Cell Phenotype and Function in Lung Carcinoma. <i>Cancer Research</i> , 2011, 71, 5412-5422.	0.4	404
5	Adipose tissue transcriptomic signature highlights the pathological relevance of extracellular matrix in human obesity. <i>Genome Biology</i> , 2008, 9, R14.	13.9	372
6	Characteristics and Clinical Impacts of the Immune Environments in Colorectal and Renal Cell Carcinoma Lung Metastases: Influence of Tumor Origin. <i>Clinical Cancer Research</i> , 2013, 19, 4079-4091.	3.2	301
7	Alternatively spliced NKp30 isoforms affect the prognosis of gastrointestinal stromal tumors. <i>Nature Medicine</i> , 2011, 17, 700-707.	15.2	282
8	Immune Infiltrates Are Prognostic Factors in Localized Gastrointestinal Stromal Tumors. <i>Cancer Research</i> , 2013, 73, 3499-3510.	0.4	277
9	<i>TP53</i> , <i>STK11</i> , and <i>EGFR</i> Mutations Predict Tumor Immune Profile and the Response to Anti-PD-1 in Lung Adenocarcinoma. <i>Clinical Cancer Research</i> , 2018, 24, 5710-5723.	3.2	257
10	Characterization of Chemokines and Adhesion Molecules Associated with T cell Presence in Tertiary Lymphoid Structures in Human Lung Cancer. <i>Cancer Research</i> , 2011, 71, 6391-6399.	0.4	245
11	Trial Watch: Immunogenic cell death inducers for anticancer chemotherapy. <i>Oncolmmunology</i> , 2015, 4, e1008866.	2.1	237
12	CD14 <sup>dim</sup> CD16 <sup>+</sup> and CD14 <sup>+</sup> CD16 <sup>+</sup> Monocytes in Obesity and During Weight Loss. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2322-2330.	1.1	210
13	T Cell-Derived IL-22 Amplifies IL-1 $\beta$ -Driven Inflammation in Human Adipose Tissue: Relevance to Obesity and Type 2 Diabetes. <i>Diabetes</i> , 2014, 63, 1966-1977.	0.3	197
14	Immune Infiltration in Human Cancer: Prognostic Significance and Disease Control. <i>Current Topics in Microbiology and Immunology</i> , 2010, 344, 1-24.	0.7	193
15	Triggering of TLR7 and TLR8 expressed by human lung cancer cells induces cell survival and chemoresistance. <i>Journal of Clinical Investigation</i> , 2010, 120, 1285-1297.	3.9	191
16	Toll-like receptor stimulation in cancer: A pro- and anti-tumor double-edged sword. <i>Immunobiology</i> , 2017, 222, 89-100.	0.8	172
17	Calreticulin Expression in Human Non-Small Cell Lung Cancers Correlates with Increased Accumulation of Antitumor Immune Cells and Favorable Prognosis. <i>Cancer Research</i> , 2016, 76, 1746-1756.	0.4	164
18	Trial watch. <i>Oncolmmunology</i> , 2013, 2, e25771.	2.1	150

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19	Systemic Inflammation, Nutritional Status and Tumor Immune Microenvironment Determine Outcome of Resected Non-Small Cell Lung Cancer. PLoS ONE, 2014, 9, e106914.	1.1	137
20	Prognostic and Predictive Value of DAMPs and DAMP-Associated Processes in Cancer. Frontiers in Immunology, 2015, 6, 402.	2.2	135
21	Trial Watch. Oncolmmunology, 2014, 3, e27878.	2.1	134
22	Prognostic Impact of Vitamin B6 Metabolism in Lung Cancer. Cell Reports, 2012, 2, 257-269.	2.9	122
23	The Immune Microenvironment of Human Tumors: General Significance and Clinical Impact. Cancer Microenvironment, 2013, 6, 117-122.	3.1	119
24	Calreticulin exposure by malignant blasts correlates with robust anticancer immunity and improved clinical outcome in AML patients. Blood, 2016, 128, 3113-3124.	0.6	107
25	Trial Watch: Immunostimulation with Toll-like receptor agonists in cancer therapy. Oncolmmunology, 2016, 5, e1088631.	2.1	104
26	Trial Watch: Immunomodulatory monoclonal antibodies for oncological indications. Oncolmmunology, 2015, 4, e1008814.	2.1	102
27	Trial Watch: Peptide-based anticancer vaccines. Oncolmmunology, 2015, 4, e974411.	2.1	97
28	Tumor microenvironment is multifaceted. Cancer and Metastasis Reviews, 2011, 30, 13-25.	2.7	95
29	Trial Watch:. Oncolmmunology, 2014, 3, e28694.	2.1	95
30	Profiling of the Three Circulating Monocyte Subpopulations in Human Obesity. Journal of Immunology, 2015, 194, 3917-3923.	0.4	92
31	Trial Watch“Oncolytic viruses and cancer therapy. Oncolmmunology, 2016, 5, e1117740.	2.1	88
32	Mature Cytotoxic CD56 <sup>bright</sup> /CD16 <sup>+</sup> Natural Killer Cells Can Infiltrate Lymph Nodes Adjacent to Metastatic Melanoma. Cancer Research, 2014, 74, 81-92.	0.4	85
33	TLR7 Promotes Tumor Progression, Chemotherapy Resistance, and Poor Clinical Outcomes in Non-Small Cell Lung Cancer. Cancer Research, 2014, 74, 5008-5018.	0.4	83
34	The New Histologic Classification of Lung Primary Adenocarcinoma Subtypes Is a Reliable Prognostic Marker and Identifies Tumors With Different Mutation Status. Chest, 2014, 146, 633-643.	0.4	80
35	Long-lived immature dendritic cells mediated by TRANCE-RANK interaction. Blood, 2002, 100, 3646-3655.	0.6	78
36	Trial Watch. Oncolmmunology, 2014, 3, e29179.	2.1	76

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37	TRAF4 overexpression is a common characteristic of human carcinomas. <i>Oncogene</i> , 2007, 26, 142-147.	2.6	72
38	Trial Watch. <i>Oncolimmunology</i> , 2014, 3, e27048.	2.1	69
39	IFN- $\gamma$ /IFN- $\beta$ Receptor Signaling Promotes Regulatory T Cell Development and Function under Stress Conditions. <i>Journal of Immunology</i> , 2015, 194, 4265-4276.	0.4	69
40	Trial Watch: Immunotherapy plus radiation therapy for oncological indications. <i>Oncolimmunology</i> , 2016, 5, e1214790.	2.1	64
41	Trial watch: Dendritic cell-based anticancer therapy. <i>Oncolimmunology</i> , 2014, 3, e963424.	2.1	62
42	Immune contexture and histological response after neoadjuvant chemotherapy predict clinical outcome of lung cancer patients. <i>Oncolimmunology</i> , 2016, 5, e1255394.	2.1	62
43	Impaired Tumor-Infiltrating T Cells in Patients with Chronic Obstructive Pulmonary Disease Impact Lung Cancer Response to PD-1 Blockade. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 928-940.	2.5	62
44	Phenotypic and Functional Characteristics of Blood Natural Killer Cells from Melanoma Patients at Different Clinical Stages. <i>PLoS ONE</i> , 2013, 8, e76928.	1.1	58
45	NK Cells in the Human Lungs. <i>Frontiers in Immunology</i> , 2019, 10, 1263.	2.2	57
46	NKG2C is a major triggering receptor involved in the $\gamma$ 1 T cell-mediated cytotoxicity against HIV-infected CD4 T cells. <i>Aids</i> , 2008, 22, 217-226.	1.0	56
47	Lung Tumor Microenvironment Induces Specific Gene Expression Signature in Intratumoral NK Cells. <i>Frontiers in Immunology</i> , 2013, 4, 19.	2.2	56
48	Proposal for a Combined Histomolecular Algorithm to Distinguish Multiple Primary Adenocarcinomas from Intrapulmonary Metastasis in Patients with Multiple Lung Tumors. <i>Journal of Thoracic Oncology</i> , 2019, 14, 844-856.	0.5	55
49	Natural killer cells in the human lung tumor microenvironment display immune inhibitory functions. , 2020, 8, e001054.		54
50	Calreticulin expression: Interaction with the immune infiltrate and impact on survival in patients with ovarian and non-small cell lung cancer. <i>Oncolimmunology</i> , 2016, 5, e1177692.	2.1	52
51	Trial Watch "Immunostimulation with cytokines in cancer therapy. <i>Oncolimmunology</i> , 2016, 5, e1115942.	2.1	52
52	Calreticulin exposure correlates with robust adaptive antitumor immunity and favorable prognosis in ovarian carcinoma patients. , 2019, 7, 312.		52
53	Trial watch. <i>Oncolimmunology</i> , 2014, 3, e29030.	2.1	51
54	Retrovirally Mediated IFN- $\beta$ Transduction of Macrophages Induces Resistance to HIV, Correlated with Up-Regulation of RANTES Production and Down-Regulation of C-C Chemokine Receptor-5 Expression. <i>Journal of Immunology</i> , 2000, 164, 1582-1587.	0.4	48

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55	Intratumoral Immune Cell Densities Are Associated with Lung Adenocarcinoma Gene Alterations. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 1403-1412.	2.5	48
56	Trial watch: Tumor-targeting monoclonal antibodies for oncological indications. <i>Oncolmmunology</i> , 2015, 4, e985940.	2.1	47
57	Trial Watch“Small molecules targeting the immunological tumor microenvironment for cancer therapy. <i>Oncolmmunology</i> , 2016, 5, e1149674.	2.1	46
58	Expression of LLT1 and its receptor CD161 in lung cancer is associated with better clinical outcome. <i>Oncolmmunology</i> , 2018, 7, e1423184.	2.1	38
59	Toll like receptor 7 expressed by malignant cells promotes tumor progression and metastasis through the recruitment of myeloid derived suppressor cells. <i>Oncolmmunology</i> , 2019, 8, e1505174.	2.1	37
60	Trial Watch. <i>Oncolmmunology</i> , 2014, 3, e28185.	2.1	36
61	Tumor microenvironment in NSCLC suppresses NK cells function. <i>Oncolmmunology</i> , 2012, 1, 244-246.	2.1	34
62	Mannose Receptor Ligand-Positive Cells Express the Metalloprotease Decysin in the B Cell Follicle. <i>Journal of Immunology</i> , 2001, 167, 5052-5060.	0.4	31
63	Trial Watch. <i>Oncolmmunology</i> , 2014, 3, e28344.	2.1	31
64	NK cells in the tumor microenvironment: Prognostic and theranostic impact. Recent advances and trends. <i>Seminars in Immunology</i> , 2020, 48, 101407.	2.7	31
65	Prognostic impact of the expression of NCR1 and NCR3 NK cell receptors and PD-L1 on advanced non-small cell lung cancer. <i>Oncolmmunology</i> , 2017, 6, e1163456.	2.1	30
66	Interferon $\gamma$ transduction of peripheral blood lymphocytes from HIV-infected donors increases Th1-type cytokine production and improves the proliferative response to recall antigens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 11595-11600.	3.3	29
67	Trial Watch: Adoptive cell transfer for oncological indications. <i>Oncolmmunology</i> , 2015, 4, e1046673.	2.1	29
68	Dual roles of TLR7 in the lung cancer microenvironment. <i>Oncolmmunology</i> , 2015, 4, e991615.	2.1	27
69	Trial watch: Naked and vectored DNA-based anticancer vaccines. <i>Oncolmmunology</i> , 2015, 4, e1026531.	2.1	26
70	Involvement of NK Cells and NKp30 Pathway in Antisynthetase Syndrome. <i>Journal of Immunology</i> , 2016, 197, 1621-1630.	0.4	26
71	TNFR2/BIRC3-TRAF1 signaling pathway as a novel NK cell immune checkpoint in cancer. <i>Oncolmmunology</i> , 2018, 7, e1386826.	2.1	26
72	Characterization of immune functions in TRAF4-deficient mice. <i>Immunology</i> , 2008, 124, 562-574.	2.0	25

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73	A nonclassical ISRE/ISGF3 pathway mediates induction of RANTES gene transcription by type I IFNs. <i>FEBS Letters</i> , 2002, 511, 41-45.	1.3	24
74	Negative prognostic value of high levels of intracellular poly(ADP-ribose) in non-small cell lung cancer. <i>Annals of Oncology</i> , 2015, 26, 2470-2477.	0.6	20
75	Interferon- $\beta$ -Induced Human Immunodeficiency Virus Resistance in CD34+Human Hematopoietic Progenitor Cells: Correlation with a Down-Regulation of CCR-5 Expression. <i>Virology</i> , 1999, 253, 241-249.	1.1	17
76	Toll-Like Receptors (TLRs) in the Tumor Microenvironment (TME): A Dragon-Like Weapon in a Non-fantasy Game of Thrones. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1263, 145-173.	0.8	16
77	Characterization of the Microenvironment in Positive and Negative Sentinel Lymph Nodes from Melanoma Patients. <i>PLoS ONE</i> , 2015, 10, e0133363.	1.1	14
78	Antiviral Activity of Autocrine Interferon- $\beta$ Requires the Presence of a Functional Interferon Type I Receptor. <i>Journal of Interferon and Cytokine Research</i> , 1995, 15, 785-789.	0.5	12
79	Chemoradiotherapy efficacy is predicted by intra-tumour CD8+/FoxP3+ double positive T cell density in locally advanced N2 non-small-cell lung carcinoma. <i>European Journal of Cancer</i> , 2020, 135, 221-229.	1.3	11
80	Metabolic features of cancer cells impact immunosurveillance. , 2021, 9, e002362.		11
81	To Vaccinate or not: Influenza Virus and Lung Cancer Progression. <i>Trends in Cancer</i> , 2021, 7, 573-576.	3.8	11
82	Immunodynamics of explanted human tumors for immunooncology. <i>EMBO Molecular Medicine</i> , 2021, 13, e12850.	3.3	9
83	SMARCA4-deficient lung carcinoma is an aggressive tumor highly infiltrated by FOXP3+ cells and neutrophils. <i>Lung Cancer</i> , 2022, 169, 13-21.	0.9	9
84	Acquired Constitutive Expression of Interferon beta after Gene Transduction Enhances Human Immunodeficiency Virus Type 1-Specific Cytotoxic T Lymphocyte Activity by a RANTES-Dependent Mechanism. <i>Human Gene Therapy</i> , 1999, 10, 1803-1810.	1.4	8
85	Inhibition of Human Immunodeficiency Virus Transmission to CD4+T Cells after Gene Transfer of Constitutively Expressed Interferon $\beta$ to Dendritic Cells. <i>Human Gene Therapy</i> , 2000, 11, 1695-1703.	1.4	5
86	Autophagy Modulation by Viral Infections Influences Tumor Development. <i>Frontiers in Oncology</i> , 2021, 11, 743780.	1.3	5
87	Polyfunctionality of bona fide resident lung CD69 + natural killer cells. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 317-318.	1.5	4
88	Side-by-side comparison of flow cytometry and immunohistochemistry for detection of calreticulin exposure in the course of immunogenic cell death. <i>Methods in Enzymology</i> , 2020, 632, 15-25.	0.4	3
89	Immunopathogenesis of the Anti-Synthetase Syndrome. <i>Critical Reviews in Immunology</i> , 2018, 38, 263-278.	1.0	2
90	Abstract A124: Protumoral effects of TLR7 in lung tumors. <i>Cancer Immunology Research</i> , 2016, 4, A124-A124.	1.6	1

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91	Prognostic Impact of Vitamin B6 Metabolism in Lung Cancer. Cell Reports, 2012, 2, 1472.	2.9	0
92	Assessment of NK cell-mediated cytotoxicity by flow cytometry after rapid, high-yield isolation from peripheral blood. Methods in Enzymology, 2020, 631, 277-287.	0.4	0
93	Abstract LB-497: Primary tumor localization determines the metastatic immune profile. , 2012, , .		0
94	Abstract LB-498: Density of tertiary lymphoid structures is associated with activated and effector-memory T lymphocyte infiltration in human lung tumor. , 2012, , .		0
95	Abstract 5752: Protumoral and pro-metastatic effects of TLR7 in lung cancer. , 2018, , .		0
96	Abstract 4304: Radio-chemotherapy efficacy is predicted by intra-tumor CD8+FoxP3+ double positive T cell density in locally advanced non-small cell lung carcinoma. , 2020, , .		0
97	Abstract 573: Mutations found by targeted next generation sequencing is associated with intra-tumor immune profile and may predict response to anti-PD1 therapy in lung adenocarcinoma. , 2019, , .		0