

# Isabelle Cremer

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

89 papers	6,660 citations	45 h-index	81 g-index
101 ext. papers	8,064 ext. citations	7.1 avg, IF	5.24 L-index



#	Paper	IF	Citations
89	Consensus guidelines for the detection of immunogenic cell death. <i>OncolImmunology</i> , <b>2014</b> , 3, e955691	7.2	524
88	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> , <b>2014</b> , 189, 832-44	10.2	340
87	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> , <b>2014</b> , 74, 705-15	10.1	306
86	Profound coordinated alterations of intratumoral NK cell phenotype and function in lung carcinoma. <i>Cancer Research</i> , <b>2011</b> , 71, 5412-22	10.1	302
85	Adipose tissue transcriptomic signature highlights the pathological relevance of extracellular matrix in human obesity. <i>Genome Biology</i> , <b>2008</b> , 9, R14	18.3	300
84	Alternatively spliced NKp30 isoforms affect the prognosis of gastrointestinal stromal tumors. <i>Nature Medicine</i> , <b>2011</b> , 17, 700-7	50.5	244
83	Immune infiltrates are prognostic factors in localized gastrointestinal stromal tumors. <i>Cancer Research</i> , <b>2013</b> , 73, 3499-510	10.1	215
82	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> , <b>2013</b> , 19, 4079-91	12.9	213
81	Characterization of chemokines and adhesion molecules associated with T cell presence in tertiary lymphoid structures in human lung cancer. <i>Cancer Research</i> , <b>2011</b> , 71, 6391-9	10.1	196
80	CD14 <sup>dim</sup> CD16 <sup>+</sup> and CD14 <sup>+</sup> CD16 <sup>+</sup> monocytes in obesity and during weight loss: relationships with fat mass and subclinical atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2011</b> , 31, 2322-30	9.4	170
79	Trial Watch: Immunogenic cell death inducers for anticancer chemotherapy. <i>OncolImmunology</i> , <b>2015</b> , 4, e1008866	7.2	162
78	Triggering of TLR7 and TLR8 expressed by human lung cancer cells induces cell survival and chemoresistance. <i>Journal of Clinical Investigation</i> , <b>2010</b> , 120, 1285-97	15.9	153
77	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> , <b>2014</b> , 63, 1966-77	0.9	152
76	, and Mutations Predict Tumor Immune Profile and the Response to Anti-PD-1 in Lung Adenocarcinoma. <i>Clinical Cancer Research</i> , <b>2018</b> , 24, 5710-5723	12.9	150
75	Immune infiltration in human cancer: prognostic significance and disease control. <i>Current Topics in Microbiology and Immunology</i> , <b>2011</b> , 344, 1-24	3.3	126
74	Calreticulin Expression in Human Non-Small Cell Lung Cancers Correlates with Increased Accumulation of Antitumor Immune Cells and Favorable Prognosis. <i>Cancer Research</i> , <b>2016</b> , 76, 1746-56	10.1	122
73	Trial Watch: Chemotherapy with immunogenic cell death inducers. <i>OncolImmunology</i> , <b>2014</b> , 3, e27878	7.2	116



72	Toll-like receptor stimulation in cancer: A pro- and anti-tumor double-edged sword. <i>Immunobiology</i> , <b>2017</b> , 222, 89-100	3.4	111
71	Systemic inflammation, nutritional status and tumor immune microenvironment determine outcome of resected non-small cell lung cancer. <i>PLoS ONE</i> , <b>2014</b> , 9, e106914	3.7	101
70	Prognostic impact of vitamin B6 metabolism in lung cancer. <i>Cell Reports</i> , <b>2012</b> , 2, 257-69	10.6	100
69	The immune microenvironment of human tumors: general significance and clinical impact. <i>Cancer Microenvironment</i> , <b>2013</b> , 6, 117-22	6.1	93
68	Trial Watch:: Oncolytic viruses for cancer therapy. <i>OncolImmunology</i> , <b>2014</b> , 3, e28694	7.2	88
67	Trial watch: Dendritic cell-based interventions for cancer therapy. <i>OncolImmunology</i> , <b>2013</b> , 2, e25771	7.2	87
66	Tumor microenvironment is multifaceted. <i>Cancer and Metastasis Reviews</i> , <b>2011</b> , 30, 13-25	9.6	86
65	Prognostic and Predictive Value of DAMPs and DAMP-Associated Processes in Cancer. <i>Frontiers in Immunology</i> , <b>2015</b> , 6, 402	8.4	84
64	Trial Watch: Immunostimulation with Toll-like receptor agonists in cancer therapy. <i>OncolImmunology</i> , <b>2016</b> , 5, e1088631	7.2	81
63	Trial Watch: Peptide-based anticancer vaccines. <i>OncolImmunology</i> , <b>2015</b> , 4, e974411	7.2	81
62	Calreticulin exposure by malignant blasts correlates with robust anticancer immunity and improved clinical outcome in AML patients. <i>Blood</i> , <b>2016</b> , 128, 3113-3124	2.2	81
61	Trial Watch-Oncolytic viruses and cancer therapy. <i>OncolImmunology</i> , <b>2016</b> , 5, e1117740	7.2	76
60	Long-lived immature dendritic cells mediated by TRANCE-RANK interaction. <i>Blood</i> , <b>2002</b> , 100, 3646-55	2.2	72
59	The new histologic classification of lung primary adenocarcinoma subtypes is a reliable prognostic marker and identifies tumors with different mutation status: the experience of a French cohort. <i>Chest</i> , <b>2014</b> , 146, 633-643	5.3	70
58	Trial Watch: Immunomodulatory monoclonal antibodies for oncological indications. <i>OncolImmunology</i> , <b>2015</b> , 4, e1008814	7.2	68
57	Mature cytotoxic CD56(bright)/CD16(+) natural killer cells can infiltrate lymph nodes adjacent to metastatic melanoma. <i>Cancer Research</i> , <b>2014</b> , 74, 81-92	10.1	66
56	Profiling of the three circulating monocyte subpopulations in human obesity. <i>Journal of Immunology</i> , <b>2015</b> , 194, 3917-23	5.3	64
55	TLR7 promotes tumor progression, chemotherapy resistance, and poor clinical outcomes in non-small cell lung cancer. <i>Cancer Research</i> , <b>2014</b> , 74, 5008-18	10.1	64



54	Trial Watch: Tumor-targeting monoclonal antibodies in cancer therapy. <i>Onc Immunology</i> , <b>2014</b> , 3, e27048.2	7.2	64
53	Trial Watch: Toll-like receptor agonists in oncological indications. <i>Onc Immunology</i> , <b>2014</b> , 3, e29179	7.2	61
52	TRAF4 overexpression is a common characteristic of human carcinomas. <i>Oncogene</i> , <b>2007</b> , 26, 142-7	9.2	61
51	Trial watch: Dendritic cell-based anticancer therapy. <i>Onc Immunology</i> , <b>2014</b> , 3, e963424	7.2	54
50	Trial Watch: Immunotherapy plus radiation therapy for oncological indications. <i>Onc Immunology</i> , <b>2016</b> , 5, e1214790	7.2	51
49	IFN- $\gamma$ receptor signaling promotes regulatory T cell development and function under stress conditions. <i>Journal of Immunology</i> , <b>2015</b> , 194, 4265-76	5.3	48
48	Lung tumor microenvironment induces specific gene expression signature in intratumoral NK cells. <i>Frontiers in Immunology</i> , <b>2013</b> , 4, 19	8.4	48
47	Trial watch: Immunostimulatory cytokines in cancer therapy. <i>Onc Immunology</i> , <b>2014</b> , 3, e29030	7.2	47
46	Phenotypic and functional characteristics of blood natural killer cells from melanoma patients at different clinical stages. <i>PLoS ONE</i> , <b>2013</b> , 8, e76928	3.7	47
45	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> , <b>2000</b> , 164, 1582-7	5.3	46
44	NKG2C is a major triggering receptor involved in the V[delta]1 T cell-mediated cytotoxicity against HIV-infected CD4 T cells. <i>Aids</i> , <b>2008</b> , 22, 217-26	3.5	43
43	Trial Watch-Small molecules targeting the immunological tumor microenvironment for cancer therapy. <i>Onc Immunology</i> , <b>2016</b> , 5, e1149674	7.2	41
42	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> , <b>2018</b> , 198, 928-940	10.2	38
41	Trial watch: Tumor-targeting monoclonal antibodies for oncological indications. <i>Onc Immunology</i> , <b>2015</b> , 4, e985940	7.2	38
40	Calreticulin expression: Interaction with the immune infiltrate and impact on survival in patients with ovarian and non-small cell lung cancer. <i>Onc Immunology</i> , <b>2016</b> , 5, e1177692	7.2	37
39	Calreticulin exposure correlates with robust adaptive antitumor immunity and favorable prognosis in ovarian carcinoma patients <b>2019</b> , 7, 312		36
38	Trial Watch-Immunostimulation with cytokines in cancer therapy. <i>Onc Immunology</i> , <b>2016</b> , 5, e1115942	7.2	35
37	Intratumoral Immune Cell Densities Are Associated with Lung Adenocarcinoma Gene Alterations. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2016</b> , 194, 1403-1412	10.2	34



36	Immune contexture and histological response after neoadjuvant chemotherapy predict clinical outcome of lung cancer patients. <i>OncolImmunology</i> , <b>2016</b> , 5, e1255394	7.2	34
35	Trial Watch: DNA vaccines for cancer therapy. <i>OncolImmunology</i> , <b>2014</b> , 3, e28185	7.2	33
34	Trial Watch: Adoptive cell transfer for anticancer immunotherapy. <i>OncolImmunology</i> , <b>2014</b> , 3, e28344	7.2	30
33	Mannose receptor ligand-positive cells express the metalloprotease decysin in the B cell follicle. <i>Journal of Immunology</i> , <b>2001</b> , 167, 5052-60	5.3	29
32	Interferon beta 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> , <b>1997</b> , 94, 11595-600	11.5	28
31	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> , <b>2019</b> , 14, 844-856	8.9	27
30	Expression of LLT1 and its receptor CD161 in lung cancer is associated with better clinical outcome. <i>OncolImmunology</i> , <b>2018</b> , 7, e1423184	7.2	26
29	Tumor microenvironment in NSCLC suppresses NK cells function. <i>OncolImmunology</i> , <b>2012</b> , 1, 244-246	7.2	24
28	Natural killer cells in the human lung tumor microenvironment display immune inhibitory functions <b>2020</b> , 8,		24
27	NK Cells in the Human Lungs. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1263	8.4	23
26	Prognostic impact of the expression of NCR1 and NCR3 NK cell receptors and PD-L1 on advanced non-small cell lung cancer. <i>OncolImmunology</i> , <b>2017</b> , 6, e1163456	7.2	22
25	Trial Watch: Adoptive cell transfer for oncological indications. <i>OncolImmunology</i> , <b>2015</b> , 4, e1046673	7.2	22
24	Trial watch: Naked and vectored DNA-based anticancer vaccines. <i>OncolImmunology</i> , <b>2015</b> , 4, e1026531	7.2	22
23	Characterization of immune functions in TRAF4-deficient mice. <i>Immunology</i> , <b>2008</b> , 124, 562-74	7.8	22
22	A non-classical ISRE/ISGF3 pathway mediates induction of RANTES gene transcription by type I IFNs. <i>FEBS Letters</i> , <b>2002</b> , 511, 41-5	3.8	22
21	Involvement of NK Cells and NKp30 Pathway in Antisynthetase Syndrome. <i>Journal of Immunology</i> , <b>2016</b> , 197, 1621-30	5.3	21
20	Toll like receptor 7 expressed by malignant cells promotes tumor progression and metastasis through the recruitment of myeloid derived suppressor cells. <i>OncolImmunology</i> , <b>2019</b> , 8, e1505174	7.2	20
19	TNFR2/BIRC3-TRAF1 signaling pathway as a novel NK cell immune checkpoint in cancer. <i>OncolImmunology</i> , <b>2018</b> , 7, e1386826	7.2	16



18	Negative prognostic value of high levels of intracellular poly(ADP-ribose) in non-small cell lung cancer. <i>Annals of Oncology</i> , <b>2015</b> , 26, 2470-7	10.3	15
17	Dual roles of TLR7 in the lung cancer microenvironment. <i>OncolImmunology</i> , <b>2015</b> , 4, e991615	7.2	15
16	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> , <b>1999</b> , 253, 241-9	3.6	13
15	NK cells in the tumor microenvironment: Prognostic and theranostic impact. Recent advances and trends. <i>Seminars in Immunology</i> , <b>2020</b> , 48, 101407	10.7	12
14	Characterization of the Microenvironment in Positive and Negative Sentinel Lymph Nodes from Melanoma Patients. <i>PLoS ONE</i> , <b>2015</b> , 10, e0133363	3.7	11
13	Antiviral activity of autocrine interferon-beta requires the presence of a functional interferon type I receptor. <i>Journal of Interferon and Cytokine Research</i> , <b>1995</b> , 15, 785-9	3.5	11
12	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> , <b>1999</b> , 10, 1803-10	4.8	8
11	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> , <b>2020</b> , 1263, 145-173	3.6	8
10	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> , <b>2020</b> , 135, 221-229	7.5	5
9	Polyfunctionality of bona fide resident lung CD69 natural killer cells. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 140, 317-318	11.5	4
8	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> , <b>2000</b> , 11, 1695-703	4.8	3
7	Immunodynamics of explanted human tumors for immuno-oncology. <i>EMBO Molecular Medicine</i> , <b>2021</b> , 13, e12850	12	2
6	Autophagy Modulation by Viral Infections Influences Tumor Development. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 743780	5.3	2
5	Metabolic features of cancer cells impact immunosurveillance <b>2021</b> , 9,		2
4	To Vaccinate or not: Influenza Virus and Lung Cancer Progression. <i>Trends in Cancer</i> , <b>2021</b> , 7, 573-576	12.5	2
3	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> , <b>2020</b> , 632, 15-25	1.7	1
2	Immunopathogenesis of the Anti-Synthetase Syndrome. <i>Critical Reviews in Immunology</i> , <b>2018</b> , 38, 263-278	18	1
1	Assessment of NK cell-mediated cytotoxicity by flow cytometry after rapid, high-yield isolation from peripheral blood. <i>Methods in Enzymology</i> , <b>2020</b> , 631, 277-287	1.7	



