Mark J Smyth

List of Publications by Year
in descending order

649 papers	98,212 citations	177 153 h-index	336 286 g-index
731 all docs	731 docs citations	731 times ranked	76855 citing authors

#	Article	IF	Citations
1	Cancer Immunoediting: Integrating Immunityâ€™s Roles in Cancer Suppression and Promotion. Science, 2011, 331, 1565-1570.	12.6	4,987
2	Natural Innate and Adaptive Immunity to Cancer. Annual Review of Immunology, 2011, 29, 235-271.	21.8	1,691
3	Activation of the NLRP3 inflammasome in dendritic cells induces IL-1Î²â€"dependent adaptive immunity against tumors. Nature Medicine, 2009, 15, 1170-1178.	30.7	1,614
4	Adaptive immunity maintains occult cancer in an equilibrium state. Nature, 2007, 450, 903-907.	27.8	1,204
5	Immune surveillance of tumors. Journal of Clinical Investigation, 2007, 117, 1137-1146.	8.2	1,198
6	Classifying Cancers Based on T-cell Infiltration and PD-L1. Cancer Research, 2015, 75, 2139-2145.	0.9	1,167
7	New insights into cancer immunoediting and its three component phasesâ€"elimination, equilibrium and escape. Current Opinion in Immunology, 2014, 27, 16-25.	5.5	1,163
8	NKT cells: what's in a name?. Nature Reviews Immunology, 2004, 4, 231-237.	22.7	1,097
9	Cancer immunoediting and resistance to T cell-based immunotherapy. Nature Reviews Clinical Oncology, 2019, 16, 151-167.	27.6	1,093
10	Cancer exome analysis reveals a T-cell-dependent mechanism of cancer immunoediting. Nature, 2012, 482, 400-404.	27.8	1,075
11	Tumor infiltrating lymphocytes are prognostic in triple negative breast cancer and predictive for trastuzumab benefit in early breast cancer: results from the FinHER trial. Annals of Oncology, 2014, 25, 1544-1550.	1.2	1,022
12	Functional significance of the perforin/granzyme cell death pathway. Nature Reviews Immunology, 2002, 2, 735-747.	22.7	994
13	Translational biology of osteosarcoma. Nature Reviews Cancer, 2014, 14, 722-735.	28.4	939
14	Type I interferons in anticancer immunity. Nature Reviews Immunology, 2015, 15, 405-414.	22.7	929
15	Targeting natural killer cells in cancer immunotherapy. Nature Immunology, 2016, 17, 1025-1036.	14.5	865
16	Cancer cellâ€"autonomous contribution of type I interferon signaling to the efficacy of chemotherapy. Nature Medicine, 2014, 20, 1301-1309.	30.7	823
17	The TRAIL apoptotic pathway in cancer onset, progression and therapy. Nature Reviews Cancer, 2008, 8, 782-798.	28.4	788
18	NKT cells: facts, functions and fallacies. Trends in Immunology, 2000, 21, 573-583.	7.5	771

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19	Combination cancer immunotherapies tailored to the tumour microenvironment. Nature Reviews Clinical Oncology, 2016, 13, 143-158.	27.6	753
20	Mechanism of Action of Conventional and Targeted Anticancer Therapies: Reinstating Immunosurveillance. Immunity, 2013, 39, 74-88.	14.3	739
21	Differential Tumor Surveillance by Natural Killer (Nk) and Nkt Cells. Journal of Experimental Medicine, 2000, 191, 661-668.	8.5	720
22	Involvement of tumor necrosis factor-related apoptosis-inducing ligand in surveillance of tumor metastasis by liver natural killer cells. Nature Medicine, 2001, 7, 94-100.	30.7	700
23	Cancer Immunosurveillance and Immunoediting: The Roles of Immunity in Suppressing Tumor Development and Shaping Tumor Immunogenicity. Advances in Immunology, 2006, 90, 1-50.	2.2	689
24	Consensus guidelines for the detection of immunogenic cell death. OncoImmunology, 2014, 3, e955691.	4.6	686
25	Clinical relevance of host immunity in breast cancer: from TILs to the clinic. Nature Reviews Clinical Oncology, 2016, 13, 228-241.	27.6	679
26	IL-21 regulates germinal center B cell differentiation and proliferation through a B cellâ€“intrinsic mechanism. Journal of Experimental Medicine, 2010, 207, 365-378.	8.5	661
27	IL-21 acts directly on B cells to regulate Bcl-6 expression and germinal center responses. Journal of Experimental Medicine, 2010, 207, 353-363.	8.5	659
28	IL-12 and IL-23 cytokines: from discovery to targeted therapies for immune-mediated inflammatory diseases. Nature Medicine, 2015, 21, 719-729.	30.7	658
29	New aspects of natural-killer-cell surveillance and therapy of cancer. Nature Reviews Cancer, 2002, 2, 850-861.	28.4	655
30	A fresh look at tumor immunosurveillance and immunotherapy. Nature Immunology, 2001, 2, 293-299.	14.5	650
31	CD27 Dissects Mature NK Cells into Two Subsets with Distinct Responsiveness and Migratory Capacity. Journal of Immunology, 2006, 176, 1517-1524.	0.8	650
32	Consensus guidelines for the definition, detection and interpretation of immunogenic cell death. , 2020, 8, e000337.		610
33	Anti-PD-1 Antibody Therapy Potently Enhances the Eradication of Established Tumors By Gene-Modified T Cells. Clinical Cancer Research, 2013, 19, 5636-5646.	7.0	598
34	Improved Efficacy of Neoadjuvant Compared to Adjuvant Immunotherapy to Eradicate Metastatic Disease. Cancer Discovery, 2016, 6, 1382-1399.	9.4	592
35	Increased Susceptibility to Tumor Initiation and Metastasis in TNF-Related Apoptosis-Inducing Ligand-Deficient Mice. Journal of Immunology, 2002, 168, 1356-1361.	0.8	582
36	Anticancer Chemotherapy-Induced Intratumoral Recruitment and Differentiation of Antigen-Presenting Cells. Immunity, 2013, 38, 729-741.	14.3	572

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37	Activation of NK cell cytotoxicity. Molecular Immunology, 2005, 42, 501-510.	2.2	560
38	Control of Metastasis by NK Cells. Cancer Cell, 2017, 32, 135-154.	16.8	549
39	Targeting immunosuppressive adenosine in cancer. Nature Reviews Cancer, 2017, 17, 709-724.	28.4	526
40	Mechanism of action of immunomodulatory drugs (IMiDS) in multiple myeloma. Leukemia, 2010, 24, 22-32.	7.2	505
41	Tumor immunoevasion by the conversion of effector NK cells into type 1 innate lymphoid cells. Nature Immunology, 2017, 18, 1004-1015.	14.5	504
42	Perforin-mediated target-cell death and immune homeostasis. Nature Reviews Immunology, 2006, 6, 940-952.	22.7	494
43	Close encounters of different kinds: Dendritic cells and NK cells take centre stage. Nature Reviews Immunology, 2005, 5, 112-124.	22.7	493
44	Anti-CD73 antibody therapy inhibits breast tumor growth and metastasis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1547-1552.	7.1	492
45	Extracellular adenosine triphosphate and adenosine in cancer. Oncogene, 2010, 29, 5346-5358.	5.9	489
46	Anti-TIM3 Antibody Promotes T Cell IFN-Î³â€"Mediated Antitumor Immunity and Suppresses Established Tumors. Cancer Research, 2011, 71, 3540-3551.	0.9	489
47	Tumor Necrosis Factorâ€"Related Apoptosis-Inducing Ligand (Trail) Contributes to Interferon Î³â€"Dependent Natural Killer Cell Protection from Tumor Metastasis. Journal of Experimental Medicine, 2001, 193, 661-670.	8.5	484
48	Perforin-Mediated Cytotoxicity Is Critical for Surveillance of Spontaneous Lymphoma. Journal of Experimental Medicine, 2000, 192, 755-760.	8.5	481
49	Perforin and interferon-Î³ activities independently control tumor initiation, growth, and metastasis. Blood, 2001, 97, 192-197.	1.4	478
50	TIGIT predominantly regulates the immune response via regulatory T cells. Journal of Clinical Investigation, 2015, 125, 4053-4062.	8.2	470
51	The histone deacetylase inhibitor and chemotherapeutic agent suberoylanilide hydroxamic acid (SAHA) induces a cell-death pathway characterized by cleavage of Bid and production of reactive oxygen species. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 10833-10838.	7.1	468
52	TGF-Î² inhibits the activation and functions of NK cells by repressing the mTOR pathway. Science Signaling, 2016, 9, ra19.	3.6	453
53	Resistance to PD1/PDL1 checkpoint inhibition. Cancer Treatment Reviews, 2017, 52, 71-81.	7.7	437
54	Activating and inhibitory receptors of natural killer cells. Immunology and Cell Biology, 2011, 89, 216-224.	2.3	426

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55	Antiâ€“ErbB-2 mAb therapy requires type I and II interferons and synergizes with antiâ€“PD-1 or anti-CD137 mAb therapy. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7142-7147.	7.1	413
56	Diverse cytokine production by NKT cell subsets and identification of an IL-17â€“producing CD4 ^{âˆ’} NK1.1 ^{âˆ’} NKT cell population. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11287-11292.	7.1	410
57	The receptors CD96 and CD226 oppose each other in the regulation of natural killer cell functions. Nature Immunology, 2014, 15, 431-438.	14.5	410
58	Balancing natural killer cell activation through paired receptors. Nature Reviews Immunology, 2015, 15, 243-254.	22.7	410
59	Critical Role for Tumor Necrosis Factorâ€“related Apoptosis-inducing Ligand in Immune Surveillance Against Tumor Development. Journal of Experimental Medicine, 2002, 195, 161-169.	8.5	407
60	Silencing of Irf7 pathways in breast cancer cells promotes bone metastasis through immune escape. Nature Medicine, 2012, 18, 1224-1231.	30.7	406
61	CD73 promotes anthracycline resistance and poor prognosis in triple negative breast cancer. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11091-11096.	7.1	406
62	Classification of current anticancer immunotherapies. Oncotarget, 2014, 5, 12472-12508.	1.8	395
63	Targeting CD73 Enhances the Antitumor Activity of Anti-PD-1 and Anti-CTLA-4 mAbs. Clinical Cancer Research, 2013, 19, 5626-5635.	7.0	381
64	Granzymes: exogenous porteinases that induce target cell apoptosis. Trends in Immunology, 1995, 16, 202-206.	7.5	369
65	An Immunosurveillance Mechanism Controls Cancer Cell Ploidy. Science, 2012, 337, 1678-1684.	12.6	367
66	NK cells and NKT cells collaborate in host protection from methylcholanthrene-induced fibrosarcoma. International Immunology, 2001, 13, 459-463.	4.0	365
67	The pre-metastatic niche: finding common ground. Cancer and Metastasis Reviews, 2013, 32, 449-464.	5.9	364
68	Sequential production of interferon-Î³ by NK1.1+ T cells and natural killer cells is essential for the antimetastatic effect of Î±-galactosylceramide. Blood, 2002, 99, 1259-1266.	1.4	362
69	CD4+CD25+ T Regulatory Cells Suppress NK Cell-Mediated Immunotherapy of Cancer. Journal of Immunology, 2006, 176, 1582-1587.	0.8	362
70	Persistence and Efficacy of Second Generation CAR T Cell Against the LeY Antigen in Acute Myeloid Leukemia. Molecular Therapy, 2013, 21, 2122-2129.	8.2	361
71	CD73-Deficient Mice Have Increased Antitumor Immunity and Are Resistant to Experimental Metastasis. Cancer Research, 2011, 71, 2892-2900.	0.9	353
72	Acquired resistance to immunotherapy and future challenges. Nature Reviews Cancer, 2016, 16, 121-126.	28.4	353

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73	<scp>TIGIT</scp> and <scp>CD</scp>96: new checkpoint receptor targets for cancer immunotherapy. Immunological Reviews, 2017, 276, 112-120.	6.0	351
74	Differential antitumor immunity mediated by NKT cell subsets in vivo. Journal of Experimental Medicine, 2005, 202, 1279-1288.	8.5	349
75	Membrane-bound Fas ligand only is essential for Fas-induced apoptosis. Nature, 2009, 461, 659-663.	27.8	348
76	Cytokines in cancer immunity and immunotherapy. Immunological Reviews, 2004, 202, 275-293.	6.0	346
77	IL-21 Is Produced by NKT Cells and Modulates NKT Cell Activation and Cytokine Production. Journal of Immunology, 2007, 178, 2827-2834.	0.8	338
78	A Natural Killer T (NKT) Cell Developmental Pathway Involving a Thymus-dependent NK1.1â^'CD4+ CD1d-dependent Precursor Stage. Journal of Experimental Medicine, 2002, 195, 835-844.	8.5	332
79	BAFF and MyD88 signals promote a lupuslike disease independent of T cells. Journal of Experimental Medicine, 2007, 204, 1959-1971.	8.5	332
80	Suppression of Lymphoma and Epithelial Malignancies Effected by Interferon Î³. Journal of Experimental Medicine, 2002, 196, 129-134.	8.5	329
81	The drug efflux protein, P-glycoprotein, additionally protects drug-resistant tumor cells from multiple forms of caspase-dependent apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 7024-7029.	7.1	328
82	Functional interactions between dendritic cells and NK cells during viral infection. Nature Immunology, 2003, 4, 175-181.	14.5	327
83	Pembrolizumab plus trastuzumab in trastuzumab-resistant, advanced, HER2-positive breast cancer (PANACEA): a single-arm, multicentre, phase 1bâ€"2 trial. Lancet Oncology, The, 2019, 20, 371-382.	10.7	327
84	Tumor Cell Death and ATP Release Prime Dendritic Cells and Efficient Anticancer Immunity. Cancer Research, 2010, 70, 855-858.	0.9	326
85	Nature's TRAILâ€"On a Path to Cancer Immunotherapy. Immunity, 2003, 18, 1-6.	14.3	324
86	Presumed guilty: natural killer T cell defects and human disease. Nature Reviews Immunology, 2011, 11, 131-142.	22.7	324
87	A Critical Role for Natural Killer T Cells in Immunosurveillance of Methylcholanthrene-induced Sarcomas. Journal of Experimental Medicine, 2002, 196, 119-127.	8.5	322
88	Induction of tumor-specific T cell memory by NK cellâ€"mediated tumor rejection. Nature Immunology, 2002, 3, 83-90.	14.5	319
89	Molecular and Translational Classifications of DAMPs in Immunogenic Cell Death. Frontiers in Immunology, 2015, 6, 588.	4.8	317
90	NKG2D function protects the host from tumor initiation. Journal of Experimental Medicine, 2005, 202, 583-588.	8.5	316

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91	Primary Tumor Hypoxia Recruits CD11b+/Ly6Cmed/Ly6G+ Immune Suppressor Cells and Compromises NK Cell Cytotoxicity in the Premetastatic Niche. Cancer Research, 2012, 72, 3906-3911.	0.9	316
92	CD73: a potent suppressor of antitumor immune responses. Trends in Immunology, 2012, 33, 231-237.	6.8	310
93	Blockade of A _{2A} receptors potently suppresses the metastasis of CD73 ⁺ tumors. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 14711-14716.	7.1	306
94	Contribution of IL-17â€“producing Î³Î´ T cells to the efficacy of anticancer chemotherapy. Journal of Experimental Medicine, 2011, 208, 491-503.	8.5	303
95	DNAM-1 promotes activation of cytotoxic lymphocytes by nonprofessional antigen-presenting cells and tumors. Journal of Experimental Medicine, 2008, 205, 2965-2973.	8.5	302
96	Pivotal Role of Innate and Adaptive Immunity in Anthracycline Chemotherapy of Established Tumors. Cancer Research, 2011, 71, 4809-4820.	0.9	302
97	Multiple physiological functions for multidrug transporter P-glycoprotein?. Trends in Biochemical Sciences, 2000, 25, 1-6.	7.5	301
98	Co-inhibition of CD73 and A2AR Adenosine Signaling Improves Anti-tumor Immune Responses. Cancer Cell, 2016, 30, 391-403.	16.8	300
99	IL-21 Induces the Functional Maturation of Murine NK Cells. Journal of Immunology, 2004, 172, 2048-2058.	0.8	294
100	CIS is a potent checkpoint in NK cellâ€“mediated tumor immunity. Nature Immunology, 2016, 17, 816-824.	14.5	289
101	P-Glycoprotein Protects Leukemia Cells Against Caspase-Dependent, but not Caspase-Independent, Cell Death. Blood, 1999, 93, 1075-1085.	1.4	288
102	Cancer immunoediting by the innate immune system in the absence of adaptive immunity. Journal of Experimental Medicine, 2012, 209, 1869-1882.	8.5	281
103	The Anti-Tumor Activity of IL-12: Mechanisms of Innate Immunity That Are Model and Dose Dependent. Journal of Immunology, 2000, 165, 2665-2670.	0.8	273
104	Glycolipid Antigen Drives Rapid Expansion and Sustained Cytokine Production by NK T Cells. Journal of Immunology, 2003, 171, 4020-4027.	0.8	273
105	Myeloid immunosuppression and immune checkpoints in the tumor microenvironment. Cellular and Molecular Immunology, 2020, 17, 1-12.	10.5	273
106	NK Cell Maturation and Peripheral Homeostasis Is Associated with KLRG1 Up-Regulation. Journal of Immunology, 2007, 178, 4764-4770.	0.8	272
107	From mice to humans: developments in cancer immunoediting. Journal of Clinical Investigation, 2015, 125, 3338-3346.	8.2	271
108	NKT cells â€” conductors of tumor immunity?. Current Opinion in Immunology, 2002, 14, 165-171.	5.5	270

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109	Demonstration of inflammation-induced cancer and cancer immunoediting during primary tumorigenesis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 652-656.	7.1	270
110	A2AR Adenosine Signaling Suppresses Natural Killer Cell Maturation in the Tumor Microenvironment. Cancer Research, 2018, 78, 1003-1016.	0.9	269
111	Mouse models in oncoimmunology. Nature Reviews Cancer, 2016, 16, 759-773.	28.4	267
112	A nonclassical non-VÎ±14JÎ±18 CD1d-restricted (type II) NKT cell is sufficient for down-regulation of tumor immunosurveillance. Journal of Experimental Medicine, 2005, 202, 1627-1633.	8.5	262
113	Type I IFN Contributes to NK Cell Homeostasis, Activation, and Antitumor Function. Journal of Immunology, 2007, 178, 7540-7549.	0.8	261
114	Targeting Cancer-Derived Adenosine:New Therapeutic Approaches. Cancer Discovery, 2014, 4, 879-888.	9.4	256
115	Host immunity contributes to the anti-melanoma activity of BRAF inhibitors. Journal of Clinical Investigation, 2013, 123, 1371-1381.	8.2	256
116	Immune-mediated dormancy: an equilibrium with cancer. Journal of Leukocyte Biology, 2008, 84, 988-993.	3.3	253
117	TIM3⁺FOXP3⁺regulatory T cells are tissue-specific promoters of T-cell dysfunction in cancer. OncoImmunology, 2013, 2, e23849.	4.6	251
118	Eradication of established tumors in mice by a combination antibody-based therapy. Nature Medicine, 2006, 12, 693-698.	30.7	248
119	Radiotherapy Increases the Permissiveness of Established Mammary Tumors to Rejection by Immunomodulatory Antibodies. Cancer Research, 2012, 72, 3163-3174.	0.9	248
120	The NK cellâ€“cancer cycle: advances and new challenges in NK cellâ€“based immunotherapies. Nature Immunology, 2020, 21, 835-847.	14.5	243
121	TRAIL and its receptors as targets for cancer therapy. Cancer Science, 2004, 95, 777-783.	3.9	240
122	TRAIL identifies immature natural killer cells in newborn mice and adult mouse liver. Blood, 2005, 105, 2082-2089.	1.4	237
123	A Network of PDZ-Containing Proteins Regulates T Cell Polarity and Morphology during Migration and Immunological Synapse Formation. Immunity, 2005, 22, 737-748.	14.3	237
124	Interleukin 15â€“mediated survival of natural killer cells is determined by interactions among Bim, Noxa and Mcl-1. Nature Immunology, 2007, 8, 856-863.	14.5	231
125	Selective Depletion of Foxp3+ Regulatory T Cells Improves Effective Therapeutic Vaccination against Established Melanoma. Cancer Research, 2010, 70, 7788-7799.	0.9	228
126	Innate Immune Surveillance of Spontaneous B Cell Lymphomas by Natural Killer Cells and Î³Î´ T Cells. Journal of Experimental Medicine, 2004, 199, 879-884.	8.5	227

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127	NKT cells are phenotypically and functionally diverse. European Journal of Immunology, 1999, 29, 3768-3781.	2.9	224
128	Functional subsets of mouse natural killer cells. Immunological Reviews, 2006, 214, 47-55.	6.0	222
129	Antimetastatic Effects of Blocking PD-1 and the Adenosine A2A Receptor. Cancer Research, 2014, 74, 3652-3658.	0.9	217
130	Perforin is a major contributor to NK cell control of tumor metastasis. Journal of Immunology, 1999, 162, 6658-62.	0.8	214
131	Reactive Neutrophil Responses Dependent on the Receptor Tyrosine Kinase c-MET Limit Cancer Immunotherapy. Immunity, 2017, 47, 789-802.e9.	14.3	207
132	A Threshold Level of Intratumor CD8+ T-cell PD1 Expression Dictates Therapeutic Response to Anti-PD1. Cancer Research, 2015, 75, 3800-3811.	0.9	201
133	Differential Recognition of CD1d-Î±-Galactosyl Ceramide by the VÎ²8.2 and VÎ²7 Semi-invariant NKT T Cell Receptors. Immunity, 2009, 31, 47-59.	14.3	198
134	Suppression of Metastases Using a New Lymphocyte Checkpoint Target for Cancer Immunotherapy. Cancer Discovery, 2016, 6, 446-459.	9.4	198
135	TIGIT immune checkpoint blockade restores CD8+ T-cell immunity against multiple myeloma. Blood, 2018, 132, 1689-1694.	1.4	198
136	Analysis of the apoptotic and therapeutic activities of histone deacetylase inhibitors by using a mouse model of B cell lymphoma. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 8071-8076.	7.1	195
137	Induction of Tumor-specific T Cell Immunity by Anti-DR5 Antibody Therapy. Journal of Experimental Medicine, 2004, 199, 437-448.	8.5	193
138	NK Cell TRAIL Eliminates Immature Dendritic Cells In Vivo and Limits Dendritic Cell Vaccination Efficacy. Journal of Immunology, 2004, 172, 123-129.	0.8	191
139	Innate immunity defines the capacity of antiviral T cells to limit persistent infection. Journal of Experimental Medicine, 2010, 207, 1333-1343.	8.5	190
140	NKT cells and tumor immunityâ€"a double-edged sword. Nature Immunology, 2000, 1, 459-460.	14.5	188
141	Targeting CD39 in cancer. Nature Reviews Immunology, 2020, 20, 739-755.	22.7	185
142	Chemotherapy and radiotherapy: Cryptic anticancer vaccines. Seminars in Immunology, 2010, 22, 113-124.	5.6	183
143	Inflammation and immune surveillance in cancer. Seminars in Cancer Biology, 2012, 22, 23-32.	9.6	179
144	Targeting death-inducing receptors in cancer therapy. Oncogene, 2007, 26, 3745-3757.	5.9	178

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145	Granzyme B Expression by CD8+ T Cells Is Required for the Development of Experimental Cerebral Malaria. Journal of Immunology, 2011, 186, 6148-6156.	0.8	178
146	CD73-Deficient Mice Are Resistant to Carcinogenesis. Cancer Research, 2012, 72, 2190-2196.	0.9	178
147	Regulation of Carcinogenesis by IL-5 and CCL11: A Potential Role for Eosinophils in Tumor Immune Surveillance. Journal of Immunology, 2007, 178, 4222-4229.	0.8	176
148	Targeting CD39 in Cancer Reveals an Extracellular ATP- and Inflammasome-Driven Tumor Immunity. Cancer Discovery, 2019, 9, 1754-1773.	9.4	173
149	Activation of human peripheral blood T lymphocytes by pharmacological induction of protein-tyrosine phosphorylation.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 10306-10310.	7.1	172
150	Molecular Pathways: Targeting CD96 and TIGIT for Cancer Immunotherapy. Clinical Cancer Research, 2016, 22, 5183-5188.	7.0	171
151	Predictors of responses to immune checkpoint blockade in advanced melanoma. Nature Communications, 2017, 8, 592.	12.8	166
152	Single-chain antigen recognition receptors that costimulate potent rejection of established experimental tumors. Blood, 2002, 100, 3155-3163.	1.4	165
153	Conditional Regulatory T-Cell Depletion Releases Adaptive Immunity Preventing Carcinogenesis and Suppressing Established Tumor Growth. Cancer Research, 2010, 70, 7800-7809.	0.9	165
154	NKT Cell Stimulation with Glycolipid Antigen In Vivo: Costimulation-Dependent Expansion, Bim-Dependent Contraction, and Hyporesponsiveness to Further Antigenic Challenge. Journal of Immunology, 2005, 175, 3092-3101.	0.8	163
155	Molecular mechanisms of natural killer cell activation in response to cellular stress. Cell Death and Differentiation, 2014, 21, 5-14.	11.2	163
156	Dysregulated IL-18 Is a Key Driver of Immunosuppression and a Possible Therapeutic Target in the Multiple Myeloma Microenvironment. Cancer Cell, 2018, 33, 634-648.e5.	16.8	163
157	NKG2D Recognition and Perforin Effector Function Mediate Effective Cytokine Immunotherapy of Cancer. Journal of Experimental Medicine, 2004, 200, 1325-1335.	8.5	161
158	Sustained Type I interferon signaling as a mechanism of resistance to PD-1 blockade. Cell Research, 2019, 29, 846-861.	12.0	160
159	NLRP3 Suppresses NK Cellâ€"Mediated Responses to Carcinogen-Induced Tumors and Metastases. Cancer Research, 2012, 72, 5721-5732.	0.9	159
160	DNAM-1/CD155 Interactions Promote Cytokine and NK Cell-Mediated Suppression of Poorly Immunogenic Melanoma Metastases. Journal of Immunology, 2010, 184, 902-911.	0.8	158
161	TRAIL+ NK Cells Control CD4+ T Cell Responses during Chronic Viral Infection to Limit Autoimmunity. Immunity, 2014, 41, 646-656.	14.3	158
162	Sequential activation of NKT cells and NK cells provides effective innate immunotherapy of cancer. Journal of Experimental Medicine, 2005, 201, 1973-1985.	8.5	157

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163	Cutting Edge: Tumor Rejection Mediated by NKG2D Receptor-Ligand Interaction Is Dependent upon Perforin. Journal of Immunology, 2002, 169, 5377-5381.	0.8	156
164	Innate immunodeficiency following genetic ablation of Mcl1 in natural killer cells. Nature Communications, 2014, 5, 4539.	12.8	156
165	Cutting Edge: TRAIL Deficiency Accelerates Hematological Malignancies. Journal of Immunology, 2005, 175, 5586-5590.	0.8	154
166	Cutting Edge: IL-21 Is Not Essential for Th17 Differentiation or Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2008, 180, 7097-7101.	0.8	154
167	BK Polyomavirus: Clinical Aspects, Immune Regulation, and Emerging Therapies. Clinical Microbiology Reviews, 2017, 30, 503-528.	13.6	154
168	The immunostimulatory effect of lenalidomide on NK-cell function is profoundly inhibited by concurrent dexamethasone therapy. Blood, 2011, 117, 1605-1613.	1.4	152
169	Â-Galactosylceramide (KRN7000) suppression of chemical- and oncogene-dependent carcinogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 9464-9469.	7.1	146
170	Anticancer immunotherapy by CTLA-4 blockade: obligatory contribution of IL-2 receptors and negative prognostic impact of soluble CD25. Cell Research, 2015, 25, 208-224.	12.0	143
171	Involvement of Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand in NK Cell-Mediated and IFN-Î³-Dependent Suppression of Subcutaneous Tumor Growth. Cellular Immunology, 2001, 214, 194-200.	3.0	142
172	IFN-gamma-mediated inhibition of tumor angiogenesis by natural killer T-cell ligand, alpha-galactosylceramide. Blood, 2002, 100, 1728-33.	1.4	140
173	Stem cell mobilization with G-CSF induces type 17 differentiation and promotes scleroderma. Blood, 2010, 116, 819-828.	1.4	139
174	Supernatural T cells: genetic modification of T cells for cancer therapy. Nature Reviews Immunology, 2005, 5, 928-940.	22.7	137
175	Adoptive transfer of T cells modified with a humanized chimeric receptor gene inhibits growth of Lewis-Y-expressing tumors in mice. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 19051-19056.	7.1	136
176	Efficient Nuclear Targeting of Granzyme B and the Nuclear Consequences of Apoptosis Induced by Granzyme B and Perforin Are Caspase-dependent, but Cell Death Is Caspase-independent. Journal of Biological Chemistry, 1998, 273, 27934-27938.	3.4	135
177	Perforin and Granzymes Have Distinct Roles in Defensive Immunity and Immunopathology. Immunity, 2006, 25, 835-848.	14.3	134
178	A role for Blimp1 in the transcriptional network controlling natural killer cell maturation. Blood, 2011, 117, 1869-1879.	1.4	134
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