P Thor Straten

List of Publications by Year
in descending order

63 papers	3,711 citations	230014 27 h-index	175968 55 g-index
63 all docs	63 docs citations	63 times ranked	7726 citing authors

#	Article	IF	Citations
1	Voluntary Running Suppresses Tumor Growth through Epinephrine- and IL-6-Dependent NK Cell Mobilization and Redistribution. Cell Metabolism, 2016, 23, 554-562.	7.2	572
2	Large-scale detection of antigen-specific T cells using peptide-MHC-I multimers labeled with DNA barcodes. Nature Biotechnology, 2016, 34, 1037-1045.	9.4	279
3	Effector CD4 and CD8 T Cells and Their Role in the Tumor Microenvironment. Cancer Microenvironment, 2013, 6, 123-133.	3.1	263
4	Collagen density regulates the activity of tumor-infiltrating T cells. , 2019, 7, 68.		239
5	Long-Lasting Complete Responses in Patients with Metastatic Melanoma after Adoptive Cell Therapy with Tumor-Infiltrating Lymphocytes and an Attenuated IL2 Regimen. Clinical Cancer Research, 2016, 22, 3734-3745.	3.2	234
6	Immune-suppressive properties of the tumor microenvironment. Cancer Immunology, Immunotherapy, 2013, 62, 1137-1148.	2.0	179
7	Correlation between frequencies of blood monocytic myeloid-derived suppressor cells, regulatory T cells and negative prognostic markers in patients with castration-resistant metastatic prostate cancer. Cancer Immunology, Immunotherapy, 2014, 63, 1177-1187.	2.0	135
8	Adoptive cell therapy with autologous tumor infiltrating lymphocytes and low-dose Interleukin-2 in metastatic melanoma patients. Journal of Translational Medicine, 2012, 10, 169.	1.8	134
9	Parallel detection of antigen-specific T cell responses by combinatorial encoding of MHC multimers. Nature Protocols, 2012, 7, 891-902.	5.5	131
10	More tricks with tetramers: a practical guide to staining T cells with peptideâ€“‹scp›MHC‹/scp› multimers. Immunology, 2015, 146, 11-22.	2.0	106
11	Aberrant Expression of MHC Class II in Melanoma Attracts Inflammatory Tumor-Specific CD4+ T- Cells, Which Dampen CD8+ T-cell Antitumor Reactivity. Cancer Research, 2015, 75, 3747-3759.	0.4	93
12	Exercise and cancer: from â€œhealthyâ€•to â€œtherapeuticâ€?. Cancer Immunology, Immunotherapy, 2017, 66, 667-671.	2.0	92
13	Peptideâ€“MHC Class I Tetramers Can Fail To Detect Relevant Functional T Cell Clonotypes and Underestimate Antigen-Reactive T Cell Populations. Journal of Immunology, 2018, 200, 2263-2279.	0.4	87
14	T-cell Responses to Oncogenic Merkel Cell Polyomavirus Proteins Distinguish Patients with Merkel Cell Carcinoma from Healthy Donors. Clinical Cancer Research, 2014, 20, 1768-1778.	3.2	81
15	The calreticulin (CALR) exon 9 mutations are promising targets for cancer immune therapy. Leukemia, 2018, 32, 429-437.	3.3	76
16	Survivin-specific T-cell reactivity correlates with tumor response and patient survival: a phase-II peptide vaccination trial in metastatic melanoma. Cancer Immunology, Immunotherapy, 2012, 61, 2091-2103.	2.0	69
17	Increase in circulating CD4+CD25+Foxp3+ T cells in patients with Philadelphia-negative chronic myeloproliferative neoplasms during treatment with IFN-Î±. Blood, 2011, 118, 2170-2173.	0.6	59
18	Antibody Stabilization of Peptideâ€“MHC Multimers Reveals Functional T Cells Bearing Extremely Low-Affinity TCRs. Journal of Immunology, 2015, 194, 463-474.	0.4	55

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19	The JAK2V617F mutation is a target for specific T cells in the JAK2V617F-positive myeloproliferative neoplasms. Leukemia, 2017, 31, 495-498.	3.3	51
20	Chemokine receptor engineering of T cells with CXCR2 improves homing towards subcutaneous human melanomas in xenograft mouse model. OncoImmunology, 2018, 7, e1450715.	2.1	48
21	Expansion of circulating CD56^{bright} natural killer cells in patients with JAK2â€positive chronic myeloproliferative neoplasms during treatment with interferonâ€Î±. European Journal of Haematology, 2015, 94, 227-234.	1.1	45
22	Identification of Tumor Antigens Among the HLA Peptidomes of Glioblastoma Tumors and Plasma. Molecular and Cellular Proteomics, 2019, 18, 1255-1268.	2.5	45
23	Identification of Tumor Antigens Among the HLA Peptidomes of Glioblastoma Tumors and Plasma. Molecular and Cellular Proteomics, 2018, 17, 2132-2145.	2.5	41
24	Acquired Immune Resistance Follows Complete Tumor Regression without Loss of Target Antigens or IFNÎ³ Signaling. Cancer Research, 2017, 77, 4562-4566.	0.4	39
25	MERTK Acts as a Costimulatory Receptor on Human CD8+ T Cells. Cancer Immunology Research, 2019, 7, 1472-1484.	1.6	39
26	Spontaneous Immunity against Bcl-xL in Cancer Patients. Journal of Immunology, 2005, 175, 2709-2714.	0.4	38
27	TAM Receptor Inhibitionâ€“Implications for Cancer and the Immune System. Cancers, 2021, 13, 1195.	1.7	37
28	Expression of transporter associated with antigen processing 1 and 2 (TAP1/2) in malignant melanoma cell lines. , 1997, 70, 582-586.		30
29	Interferonâ€Î± induces marked alterations in circulating regulatory T cells, <scp>NK</scp> cell subsets, and dendritic cells in patients with <scp>JAK</scp>2V617Fâ€positive essential thrombocythemia and polycythemia vera. European Journal of Haematology, 2016, 97, 83-92.	1.1	30
30	mRNA-transfected dendritic cell vaccine in combination with metronomic cyclophosphamide as treatment for patients with advanced malignant melanoma. OncoImmunology, 2016, 5, e1207842.	2.1	29
31	Vaccination against RhoC induces long-lasting immune responses in patients with prostate cancer: results from a phase I/II clinical trial. , 2020, 8, e001157.		28
32	Improved migration of tumor ascites lymphocytes to ovarian cancer microenvironment by CXCR2 transduction. OncoImmunology, 2018, 7, e1412029.	2.1	27
33	Targetless T cells in cancer immunotherapy. , 2016, 4, 23.		26
34	TAM-ing T cells in the tumor microenvironment: implications for TAM receptor targeting. Cancer Immunology, Immunotherapy, 2020, 69, 237-244.	2.0	26
35	Chemokine Receptors and Exercise to Tackle the Inadequacy of T Cell Homing to the Tumor Site. Cells, 2018, 7, 108.	1.8	23
36	Design and validation of conditional ligands for <scp>HLAâ€B</scp>*08:01, <scp>HLAâ€B</scp>*15:01, <scp>HLAâ€B</scp>*35:01, and <scp>HLAâ€B</scp>*44:05. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2015, 87, 967-975.	1.1	21

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37	The anti-apoptotic members of the Bcl-2 family are attractive tumor-associated antigens. Oncotarget, 2010, 1, 239-45.	0.8	21
38	VÎ³9VÎ´2 T Cells Concurrently Kill Cancer Cells and Cross-Present Tumor Antigens. Frontiers in Immunology, 2021, 12, 645131.	2.2	19
39	Genetically engineered cell factories produce glycoengineered vaccines that target antigen-presenting cells and reduce antigen-specific T-cell reactivity. Journal of Allergy and Clinical Immunology, 2018, 142, 1983-1987.	1.5	17
40	Peptide vaccination against multiple myeloma using peptides derived from anti-apoptotic proteins: a phase I trial. Stem Cell Investigation, 2016, 3, 95-95.	1.3	16
41	Expansion With IL-15 Increases Cytotoxicity of VÎ³9VÎ´2 T Cells and Is Associated With Higher Levels of Cytotoxic Molecules and T-bet. Frontiers in Immunology, 2020, 11, 1868.	2.2	14
42	Inflammation induced PD-L1-specific T cells. Cell Stress, 2019, 3, 319-327.	1.4	13
43	Self-reactive T cells: suppressing the suppressors. Cancer Immunology, Immunotherapy, 2014, 63, 313-319.	2.0	11
44	Transfection of Tumor-Infiltrating T Cells with mRNA Encoding CXCR2. Methods in Molecular Biology, 2016, 1428, 261-276.	0.4	11
45	Pre-Vaccination Frequencies of Th17 Cells Correlate with Vaccine-Induced T-Cell Responses to Survivin-Derived Peptide Epitopes. PLoS ONE, 2015, 10, e0131934.	1.1	11
46	High Intensity Aerobic exercise training and Immune cell Mobilization in patients with lung cancer (HI) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.1	10
47	T cell recognition of novel shared breast cancer antigens is frequently observed in peripheral blood of breast cancer patients. OncoImmunology, 2019, 8, e1663107.	2.1	9
48	Adoptive Cell Transfer in the Treatment of Metastatic Melanoma. Journal of Investigative Dermatology, 2009, 129, 2743-2745.	0.3	8
49	Modeling Metastatic Colonization in a Decellularized Organ Scaffoldâ€Based Perfusion Bioreactor. Advanced Healthcare Materials, 2022, 11, e2100684.	3.9	7
50	The capacity of CD4+ VÎ³9VÎ´2 T cells to kill cancer cells correlates with co-expression of CD56. Cytotherapy, 2021, 23, 582-589.	0.3	6
51	(GT)n Repeat Polymorphism in Heme Oxygenase-1 (HO-1) Correlates with Clinical Outcome after Myeloablative or Nonmyeloablative Allogeneic Hematopoietic Cell Transplantation. PLoS ONE, 2016, 11, e0168210.	1.1	5
52	Spontaneous presence of FOXO3-specific T cells in cancer patients. OncoImmunology, 2014, 3, e953411.	2.1	4
53	The Expression of IL-21 Is Promoted by MEKK4 in Malignant T Cells and Associated with Increased Progression Risk in Cutaneous T-Cell Lymphoma. Journal of Investigative Dermatology, 2016, 136, 866-869.	0.3	4
54	Exercise: A new role for an old tool. Molecular and Cellular Oncology, 2016, 3, e1163005.	0.3	4

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55	Extended T-Cell Epitope Landscape in Merkel Cell Polyomavirus Large T and Small T Oncoproteins Identified Uniquely in Patients with Cancer. Journal of Investigative Dermatology, 2022, 142, 239-243.e13.	0.3	3
56	Expression and function of Kv1.3 channel in malignant T cells in SÃ©zary syndrome. Oncotarget, 2019, 10, 4894-4906.	0.8	3
57	Characterization of Spontaneous Immune Responses against Long Peptides Derived from Bcl-X(L) in Cancer Patients Using Elispot. Cells, 2012, 1, 51-60.	1.8	2
58	Adoptive T-cell therapy (ACT) with TILs for metastatic melanoma: Clinical responses and durable persistence of anticancer responses in peripheral blood.. Journal of Clinical Oncology, 2013, 31, 3028-3028.	0.8	2
59	Exercise suppresses tumor growth through epinephrine- and IL-6-dependent mobilization and redistribution of NK cells. , 2015, 3, P246.		1
60	Cancer Immunotherapy: from the lab to clinical applications. Potential impact on cancer centresâ€™ organisation. Ecancermedicalscience, 2016, 10, 691.	0.6	1
61	Expression of transporter associated with antigen processing 1 and 2 (TAP1/2) in malignant melanoma cell lines. , 1997, 70, 582.		1
62	Real-time Monitoring of Mitochondrial Respiration in Cytokine-differentiated Human Primary T Cells. Journal of Visualized Experiments, 2021, , .	0.2	1
63	Patients With Myeloproliferative Neoplasms Harbor High Frequencies of CD8 T Cell-Platelet Aggregates Associated With T Cell Suppression. Frontiers in Immunology, 2022, 13, .	2.2	0