

Jurjen Tel

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

3,900
citations

126858

33
h-index

149623

56
g-index

58
all docs

58
docs citations

58
times ranked

6248
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural Human Plasmacytoid Dendritic Cells Induce Antigen-Specific T-Cell Responses in Melanoma Patients. <i>Cancer Research</i> , 2013, 73, 1063-1075.	0.4	295
2	Customizing poly(lactic-co-glycolic acid) particles for biomedical applications. <i>Acta Biomaterialia</i> , 2018, 73, 38-51.	4.1	236
3	Toll-like receptor expression and function in human dendritic cell subsets: implications for dendritic cell-based anti-cancer immunotherapy. <i>Cancer Immunology, Immunotherapy</i> , 2010, 59, 1573-1582.	2.0	220
4	The C-type lectin receptor CLEC9A mediates antigen uptake and (cross-)presentation by human blood BDCA3+ myeloid dendritic cells. <i>Blood</i> , 2012, 119, 2284-2292.	0.6	217
5	Effective Clinical Responses in Metastatic Melanoma Patients after Vaccination with Primary Myeloid Dendritic Cells. <i>Clinical Cancer Research</i> , 2016, 22, 2155-2166.	3.2	211
6	Probing cellular heterogeneity in cytokine-secreting immune cells using droplet-based microfluidics. <i>Lab on A Chip</i> , 2013, 13, 4740.	3.1	204
7	Towards efficient cancer immunotherapy: advances in developing artificial antigen-presenting cells. <i>Trends in Biotechnology</i> , 2014, 32, 456-465.	4.9	182
8	Human plasmacytoid dendritic cells efficiently cross-present exogenous Ags to CD8+ T cells despite lower Ag uptake than myeloid dendritic cell subsets. <i>Blood</i> , 2013, 121, 459-467.	0.6	154
9	Synthetic immune niches for cancer immunotherapy. <i>Nature Reviews Immunology</i> , 2018, 18, 212-219.	10.6	141
10	Circulating Apoptotic Microparticles in Systemic Lupus Erythematosus Patients Drive the Activation of Dendritic Cell Subsets and Prime Neutrophils for NETosis. <i>Arthritis and Rheumatology</i> , 2016, 68, 462-472.	2.9	131
11	Single-cell analysis reveals that stochasticity and paracrine signaling control interferon-alpha production by plasmacytoid dendritic cells. <i>Nature Communications</i> , 2018, 9, 3317.	5.8	116
12	Antigen cross-presentation by dendritic cell subsets: one general or all sergeants?. <i>Trends in Immunology</i> , 2013, 34, 361-370.	2.9	108
13	Targeting Uptake Receptors on Human Plasmacytoid Dendritic Cells Triggers Antigen Cross-Presentation and Robust Type I IFN Secretion. <i>Journal of Immunology</i> , 2013, 191, 5005-5012.	0.4	98
14	One drop at a time: toward droplet microfluidics as a versatile tool for single-cell analysis. <i>NPG Asia Materials</i> , 2014, 6, e133-e133.	3.8	92
15	Human Plasmacytoid Dendritic Cells Phagocytose, Process, and Present Exogenous Particulate Antigen. <i>Journal of Immunology</i> , 2010, 184, 4276-4283.	0.4	80
16	Human plasmacytoid dendritic cells are equipped with antigen-presenting and tumoricidal capacities. <i>Blood</i> , 2012, 120, 3936-3944.	0.6	80
17	Proteomics of Human Dendritic Cell Subsets Reveals Subset-Specific Surface Markers and Differential Inflammasome Function. <i>Cell Reports</i> , 2016, 16, 2953-2966.	2.9	72
18	Co-delivery of PLGA encapsulated invariant NKT cell agonist with antigenic protein induce strong T cell-mediated antitumor immune responses. <i>Onc Immunology</i> , 2016, 5, e1068493.	2.1	68

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19	Deciphering the Message Broadcast by Tumor-Infiltrating Dendritic Cells. <i>American Journal of Pathology</i> , 2012, 181, 733-742.	1.9	66
20	DEC205 mediates antigen uptake and presentation by both resting and activated human plasmacytoid dendritic cells. <i>European Journal of Immunology</i> , 2011, 41, 1014-1023.	1.6	63
21	Tumoricidal activity of human dendritic cells. <i>Trends in Immunology</i> , 2014, 35, 38-46.	2.9	62
22	Injectable Biomimetic Hydrogels as Tools for Efficient T Cell Expansion and Delivery. <i>Frontiers in Immunology</i> , 2018, 9, 2798.	2.2	60
23	A membrane-anchored aptamer sensor for probing IFN γ secretion by single cells. <i>Chemical Communications</i> , 2017, 53, 8066-8069.	2.2	58
24	A Comparative Study of the T Cell Stimulatory and Polarizing Capacity of Human Primary Blood Dendritic Cell Subsets. <i>Mediators of Inflammation</i> , 2016, 2016, 1-11.	1.4	57
25	Long-lasting multifunctional CD8 ⁺ T cell responses in end-stage melanoma patients can be induced by dendritic cell vaccination. <i>Oncotarget</i> , 2016, 5, e1067745.	2.1	55
26	Integrating Immunology and Microfluidics for Single Immune Cell Analysis. <i>Frontiers in Immunology</i> , 2018, 9, 2373.	2.2	54
27	Harnessing human plasmacytoid dendritic cells as professional APCs. <i>Cancer Immunology, Immunotherapy</i> , 2012, 61, 1279-1288.	2.0	53
28	Controlling T-Cell Activation with Synthetic Dendritic Cells Using the Multivalency Effect. <i>ACS Omega</i> , 2017, 2, 937-945.	1.6	48
29	Interleukin-15-Induced CD56 ⁺ Myeloid Dendritic Cells Combine Potent Tumor Antigen Presentation with Direct Tumoricidal Potential. <i>PLoS ONE</i> , 2012, 7, e51851.	1.1	48
30	Protamine-stabilized RNA as an ex vivo stimulant of primary human dendritic cell subsets. <i>Cancer Immunology, Immunotherapy</i> , 2015, 64, 1461-1473.	2.0	47
31	Polymer-Based Synthetic Dendritic Cells for Tailoring Robust and Multifunctional T Cell Responses. <i>ACS Chemical Biology</i> , 2015, 10, 485-492.	1.6	43
32	CLEC12A-Mediated Antigen Uptake and Cross-Presentation by Human Dendritic Cell Subsets Efficiently Boost Tumor-Reactive T Cell Responses. <i>Journal of Immunology</i> , 2016, 197, 2715-2725.	0.4	43
33	The chemotherapeutic drug oxaliplatin differentially affects blood DC function dependent on environmental cues. <i>Cancer Immunology, Immunotherapy</i> , 2012, 61, 1101-1111.	2.0	41
34	PLGA-encapsulated perfluorocarbon nanoparticles for simultaneous visualization of distinct cell populations by ¹⁹ F MRI. <i>Nanomedicine</i> , 2015, 10, 2339-2348.	1.7	34
35	CD56 marks human dendritic cell subsets with cytotoxic potential. <i>Oncotarget</i> , 2013, 2, e23037.	2.1	29
36	An electro-coalescence chip for effective emulsion breaking in droplet microfluidics. <i>Lab on a Chip</i> , 2014, 14, 2398-2402.	3.1	29

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37	Decoding the dynamics of multilayered stochastic antiviral IFN-I responses. <i>Trends in Immunology</i> , 2021, 42, 824-839.	2.9	29
38	Naturally circulating dendritic cells to vaccinate cancer patients. <i>Oncolmmunology</i> , 2013, 2, e23431.	2.1	27
39	Cytokine-Functionalized Synthetic Dendritic Cells for T-Cell Targeted Immunotherapies. <i>Advanced Therapeutics</i> , 2018, 1, 1800021.	1.6	25
40	Prophylactic vaccines mimic synthetic CpG oligonucleotides in their ability to modulate immune responses. <i>Molecular Immunology</i> , 2011, 48, 810-817.	1.0	24
41	Development of Morphologically Discrete PEG-PDLLA Nanotubes for Precision Nanomedicine. <i>Biomacromolecules</i> , 2019, 20, 177-183.	2.6	23
42	Crosstalk between dendritic cell subsets and implications for dendritic cell-based anticancer immunotherapy. <i>Expert Review of Clinical Immunology</i> , 2014, 10, 915-926.	1.3	22
43	Cross-Talk between Human Dendritic Cell Subsets Influences Expression of RNA Sensors and Inhibits Picornavirus Infection. <i>Journal of Innate Immunity</i> , 2010, 2, 360-370.	1.8	21
44	IL-4 and IL-13 Alter Plasmacytoid Dendritic Cell Responsiveness to CpG DNA and Herpes Simplex Virus-1. <i>Journal of Investigative Dermatology</i> , 2011, 131, 900-906.	0.3	19
45	An automated real-time microfluidic platform to probe single NK cell heterogeneity and cytotoxicity on-chip. <i>Scientific Reports</i> , 2021, 11, 17084.	1.6	18
46	A Pipette-Tip Based Method for Seeding Cells to Droplet Microfluidic Platforms. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	16
47	Understanding natural killer cell biology from a single cell perspective. <i>Cellular Immunology</i> , 2022, 373, 104497.	1.4	12
48	Targeted delivery of CpG ODN to CD32 on human and monkey plasmacytoid dendritic cells augments IFN- γ secretion. <i>Immunobiology</i> , 2012, 217, 1017-1024.	0.8	11
49	Affinity-Based Purification of Polyisocyanopeptide Bioconjugates. <i>Bioconjugate Chemistry</i> , 2017, 28, 2560-2568.	1.8	11
50	Phenotypical Diversification of Early IFN- γ -Producing Human Plasmacytoid Dendritic Cells Using Droplet-Based Microfluidics. <i>Frontiers in Immunology</i> , 2021, 12, 672729.	2.2	11
51	Preclinical exploration of combining plasmacytoid and myeloid dendritic cell vaccination with BRAF inhibition. <i>Journal of Translational Medicine</i> , 2016, 14, 88.	1.8	10
52	Selective Expression of the MAPK Phosphatase Dusp9/MKP-4 in Mouse Plasmacytoid Dendritic Cells and Regulation of IFN- γ Production. <i>Journal of Immunology</i> , 2015, 195, 1753-1762.	0.4	8
53	Potential applications for plasmacytoid dendritic cells in cancer immunotherapy. <i>Immunotherapy</i> , 2012, 4, 979-982.	1.0	7
54	Dendritic Cells as Vaccines: Key Regulators of Tolerance and Immunity. <i>Mediators of Inflammation</i> , 2016, 2016, 1-2.	1.4	4

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55	Robust Antigen-Specific T Cell Activation within Injectable 3D Synthetic Nanovaccine Depots. ACS Biomaterials Science and Engineering, 2021, 7, 5622-5632.	2.6	4
56	A universal microfluidic approach for integrated analysis of temporal homocellular and heterocellular signaling and migration dynamics. Biosensors and Bioelectronics, 2022, 211, 114353.	5.3	3
57	Abstract IA29: Towards synthetic immune cells for cancer immunotherapy. , 2016, , .		0