Carl Figdor

List of Publications by Year
in descending order

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Version: 2024-02-01

502 papers	49,611 citations	1531 109 h-index	2453 203 g-index
512 all docs	512 docs citations	512 times ranked	46959 citing authors

#	Article	IF	Citations
1	Multiscale imaging of therapeutic anti-PD-L1 antibody localization using molecularly defined imaging agents. Journal of Nanobiotechnology, 2022, 20, 64.	4.2	5
2	Dictating Phenotype, Function, and Fate of Human T Cells with Coâ€Stimulatory Antibodies Presented by Filamentous Immune Cell Mimics. Advanced Therapeutics, 2022, 5, .	1.6	8
3	Immunological responses to adjuvant vaccination with combined CD1c⁺ myeloid and plasmacytoid dendritic cells in stage III melanoma patients. OncoImmunology, 2022, 11, .	2.1	14
4	Efficient targeting of NY-ESO-1 tumor antigen to human cDC1s by lymphotactin results in cross-presentation and antigen-specific T cell expansion. , 2022, 10, e004309.		8
5	Paired primary and metastatic lesions of patients with ipilimumab-treated melanoma: high variation in lymphocyte infiltration and HLA-ABC expression whereas tumor mutational load is similar and correlates with clinical outcome. , 2022, 10, e004329.		15
6	Dual Site-Specific Chemoenzymatic Antibody Fragment Conjugation Using CRISPR-Based Hybridoma Engineering. Bioconjugate Chemistry, 2021, 32, 301-310.	1.8	19
7	PLGA Nanoparticles Co-encapsulating NY-ESO-1 Peptides and IMM60 Induce Robust CD8 and CD4 T Cell and B Cell Responses. Frontiers in Immunology, 2021, 12, 641703.	2.2	21
8	Human type 1 and type 2 conventional dendritic cells express indoleamine 2,3â€dioxygenase 1 with functional effects on T cell priming. European Journal of Immunology, 2021, 51, 1494-1504.	1.6	11
9	Semiflexible Immunobrushes Induce Enhanced T Cell Activation and Expansion. ACS Applied Materials & Interfaces, 2021, 13, 16007-16018.	4.0	14
10	Enhanced Antitumor Efficacy through an â€œAND gateâ€•Reactive Oxygenâ€Speciesâ€Dependent pHâ€Responsive Nanomedicine Approach. Advanced Healthcare Materials, 2021, 10, e2100304.	3.9	9
11	A tipping point in cancer-immune dynamics leads to divergent immunotherapy responses and hampers biomarker discovery. , 2021, 9, e002032.		6
12	Three distinct tolerogenic CD14+ myeloid cell types to actively manage autoimmune disease: Opportunities and challenges. Journal of Autoimmunity, 2021, 120, 102645.	3.0	4
13	Characterization of Intrinsically Radiolabeled Poly(lactic-co-glycolic acid) Nanoparticles for ex Vivo Autologous Cell Labeling and in Vivo Tracking. Bioconjugate Chemistry, 2021, 32, 1802-1811.	1.8	7
14	Metabolic Screening of Cytotoxic T-cell Effector Function Reveals the Role of CRAC Channels in Regulating Lethal Hit Delivery. Cancer Immunology Research, 2021, 9, 926-938.	1.6	5
15	Insertion of atypical glycans into the tumor antigen-binding site identifies DLBCLs with distinct origin and behavior. Blood, 2021, 138, 1570-1582.	0.6	9
16	Cytotoxic T cells are able to efficiently eliminate cancer cells by additive cytotoxicity. Nature Communications, 2021, 12, 5217.	5.8	99
17	In Vivo PET Imaging of Monocytes Labeled with [89Zr]Zr-PLGA-NH2 Nanoparticles in Tumor and Staphylococcus aureus Infection Models. Cancers, 2021, 13, 5069.	1.7	4
18	Robust Antigen-Specific T Cell Activation within Injectable 3D Synthetic Nanovaccine Depots. ACS Biomaterials Science and Engineering, 2021, 7, 5622-5632.	2.6	4

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19	Assessing the safety, tolerability and efficacy of PLGA-based immunomodulatory nanoparticles in patients with advanced NY-ESO-1-positive cancers: a first-in-human phase I open-label dose-escalation study protocol. BMJ Open, 2021, 11, e050725.	0.8	21
20	High Health-Related Quality of Life During Dendritic Cell Vaccination Therapy in Patients With Castration-Resistant Prostate Cancer. Frontiers in Oncology, 2020, 10, 536700.	1.3	4
21	The tumour microenvironment shapes dendritic cell plasticity in a human organotypic melanoma culture. Nature Communications, 2020, 11, 2749.	5.8	51
22	Nanovaccine administration route is critical to obtain pertinent iNKt cell help for robust anti-tumor T and B cell responses. OncoImmunology, 2020, 9, 1738813.	2.1	37
23	Autologous monocyte-derived DC vaccination combined with cisplatin in stage III and IV melanoma patients: a prospective, randomized phase 2 trial. Cancer Immunology, Immunotherapy, 2020, 69, 477-488.	2.0	42
24	Collective invasion induced by an autocrine purinergic loop through connexin-43 hemichannels. Journal of Cell Biology, 2020, 219, .	2.3	21
25	Imaging of T-cells and their responses during anti-cancer immunotherapy. Theranostics, 2019, 9, 7924-7947.	4.6	77
26	Blood-derived dendritic cell vaccinations induce immune responses that correlate with clinical outcome in patients with chemo-naive castration-resistant prostate cancer. , 2019, 7, 302.		72
27	Functional diversification of hybridoma-produced antibodies by CRISPR/HDR genomic engineering. Science Advances, 2019, 5, eaaw1822.	4.7	13
28	Synthetic Semiflexible and Bioactive Brushes. Biomacromolecules, 2019, 20, 2587-2597.	2.6	10
29	ICAM3-Fc Outperforms Receptor-Specific Antibodies Targeted Nanoparticles to Dendritic Cells for Cross-Presentation. Molecules, 2019, 24, 1825.	1.7	10
30	Multicore Liquid Perfluorocarbonâ€Loaded Multimodal Nanoparticles for Stable Ultrasound and ¹⁹F MRI Applied to In Vivo Cell Tracking. Advanced Functional Materials, 2019, 29, 1806485.	7.8	47
31	Attacking Tumors From All Sides: Personalized Multiplex Vaccines to Tackle Intratumor Heterogeneity. Frontiers in Immunology, 2019, 10, 824.	2.2	29
32	Biomaterial-Based Activation and Expansion of Tumor-Specific T Cells. Frontiers in Immunology, 2019, 10, 931.	2.2	15
33	FÃ¶rster Resonance Energy Transfer-Based Stability Assessment of PLGA Nanoparticles in Vitro and in Vivo. ACS Applied Bio Materials, 2019, 2, 1131-1140.	2.3	21
34	Health-related quality of life analysis in stage III melanoma patients treated with adjuvant dendritic cell therapy. Clinical and Translational Oncology, 2019, 21, 774-780.	1.2	7
35	Microfluidics-Assisted Size Tuning and Biological Evaluation of PLGA Particles. Pharmaceutics, 2019, 11, 590.	2.0	26
36	Intracellular Galectin-9 Controls Dendritic Cell Function by Maintaining Plasma Membrane Rigidity. IScience, 2019, 22, 240-255.	1.9	23

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37	Cross-talk between iNKT cells and CD8 T cells in the spleen requires the IL-4/CCL17 axis for the generation of short-lived effector cells. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25816-25827.	3.3	22
38	Endolysosomalâ€Escape Nanovaccines through Adjuvantâ€Induced Tumor Antigen Assembly for Enhanced Effector CD8⁺ T Cell Activation. Small, 2018, 14, e1703539.	5.2	38
39	Design of triphasic poly(lactic-co-glycolic acid) nanoparticles containing a perfluorocarbon phase for biomedical applications. RSC Advances, 2018, 8, 6460-6470.	1.7	14
40	Synthetic immune niches for cancer immunotherapy. Nature Reviews Immunology, 2018, 18, 212-219.	10.6	141
41	Eight-Color Multiplex Immunohistochemistry for Simultaneous Detection of Multiple Immune Checkpoint Molecules within the Tumor Microenvironment. Journal of Immunology, 2018, 200, 347-354.	0.4	181
42	Injectable Biomimetic Hydrogels as Tools for Efficient T Cell Expansion and Delivery. Frontiers in Immunology, 2018, 9, 2798.	2.2	60
43	Biophysical Characterization of CD6â€"TCR/CD3 Interplay in T Cells. Frontiers in Immunology, 2018, 9, 2333.	2.2	12
44	C-type lectin-like receptor 2 (CLEC-2)-dependent DC migration is controlled by tetraspanin CD37. Journal of Cell Science, 2018, 131, .	1.2	12
45	Dendritic cells in cancer immunotherapy. Nature Materials, 2018, 17, 474-475.	13.3	92
46	A comparative assessment of continuous production techniques to generate sub-micron size PLGA particles. International Journal of Pharmaceutics, 2018, 550, 140-148.	2.6	29
47	Cytokineâ€Functionalized Synthetic Dendritic Cells for TâCell Targeted Immunotherapies. Advanced Therapeutics, 2018, 1, 1800021.	1.6	25
48	Single-cell analysis reveals that stochasticity and paracrine signaling control interferon-alpha production by plasmacytoid dendritic cells. Nature Communications, 2018, 9, 3317.	5.8	116
49	Controlled release of antigen and Toll-like receptor ligands from PLGA nanoparticles enhances immunogenicity. Nanomedicine, 2017, 12, 491-510.	1.7	44
50	Controlling T-Cell Activation with Synthetic Dendritic Cells Using the Multivalency Effect. ACS Omega, 2017, 2, 937-945.	1.6	48
51	Affinity-Based Purification of Polyisocyanopeptide Bioconjugates. Bioconjugate Chemistry, 2017, 28, 2560-2568.	1.8	11
52	N-glycan mediated adhesion strengthening during pathogen-receptor binding revealed by cell-cell force spectroscopy. Scientific Reports, 2017, 7, 6713.	1.6	19
53	Migrating into the Tumor: a Roadmap for T Cells. Trends in Cancer, 2017, 3, 797-808.	3.8	230
54	A membrane-anchored aptamer sensor for probing IFNÎ³ secretion by single cells. Chemical Communications, 2017, 53, 8066-8069.	2.2	58

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55	Multispectral imaging for highly accurate analysis of tumourâ€infiltrating lymphocytes in primary melanoma. Histopathology, 2017, 70, 643-649.	1.6	14
56	Harnessing RNA sequencing for global, unbiased evaluation of two new adjuvants for dendritic-cell immunotherapy. Oncotarget, 2017, 8, 19879-19893.	0.8	20
57	Direct inhibition of STAT signaling by platinum drugs contributes to their anti-cancer activity. Oncotarget, 2017, 8, 54434-54443.	0.8	13
58	Survival of metastatic melanoma patients after dendritic cell vaccination correlates with expression of leukocyte phosphatidylethanolamine-binding protein 1/Raf kinase inhibitory protein. Oncotarget, 2017, 8, 67439-67456.	0.8	15
59	A Comparative Study of the T Cell Stimulatory and Polarizing Capacity of Human Primary Blood Dendritic Cell Subsets. Mediators of Inflammation, 2016, 2016, 1-11.	1.4	57
60	Immune-related Adverse Events of Dendritic Cell Vaccination Correlate With Immunologic and Clinical Outcome in Stage III and IV Melanoma Patients. Journal of Immunotherapy, 2016, 39, 241-248.	1.2	26
61	Dendritic Cellâ€"Based Immunotherapy: State of the Art and Beyond. Clinical Cancer Research, 2016, 22, 1897-1906.	3.2	295
62	Opportunities for immunotherapy in microsatellite instable colorectal cancer. Cancer Immunology, Immunotherapy, 2016, 65, 1249-1259.	2.0	67
63	T-cell Landscape in a Primary Melanoma Predicts the Survival of Patients with Metastatic Disease after Their Treatment with Dendritic Cell Vaccines. Cancer Research, 2016, 76, 3496-3506.	0.4	33
64	Adjuvant Dendritic Cell Vaccination in High-Risk Uveal Melanoma. Ophthalmology, 2016, 123, 2265-2267.	2.5	44
65	Human CD1c⁺ DCs are critical cellular mediators of immune responses induced by immunogenic cell death. OncoImmunology, 2016, 5, e1192739.	2.1	74
66	Lipid peroxidation causes endosomal antigen release for cross-presentation. Scientific Reports, 2016, 6, 22064.	1.6	120
67	Proteomics of Human Dendritic Cell Subsets Reveals Subset-Specific Surface Markers and Differential Inflammasome Function. Cell Reports, 2016, 16, 2953-2966.	2.9	72
68	Preclinical exploration of combining plasmacytoid and myeloid dendritic cell vaccination with BRAF inhibition. Journal of Translational Medicine, 2016, 14, 88.	1.8	10
69	Adjuvant dendritic cell vaccination induces tumor-specific immune responses in the majority of stage III melanoma patients. OncoImmunology, 2016, 5, e1191732.	2.1	17
70	Ipilimumab administered to metastatic melanoma patients who progressed after dendritic cell vaccination. OncoImmunology, 2016, 5, e1201625.	2.1	21
71	Expansion of a BDCA1+CD14+ Myeloid Cell Population in Melanoma Patients May Attenuate the Efficacy of Dendritic Cell Vaccines. Cancer Research, 2016, 76, 4332-4346.	0.4	93
72	Cancer vaccine triggers antiviral-type defences. Nature, 2016, 534, 329-331.	13.7	27

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73	Favorable overall survival in stage III melanoma patients after adjuvant dendritic cell vaccination. OncoImmunology, 2016, 5, e1057673.	2.1	67
74	Prophylactic vaccines are potent activators of monocyte-derived dendritic cells and drive effective anti-tumor responses in melanoma patients at the cost of toxicity. Cancer Immunology, Immunotherapy, 2016, 65, 327-339.	2.0	50
75	Long-lasting multifunctional CD8⁺T cell responses in end-stage melanoma patients can be induced by dendritic cell vaccination. OncoImmunology, 2016, 5, e1067745.	2.1	55
76	Co-delivery of PLGA encapsulated invariant NKT cell agonist with antigenic protein induce strong T cell-mediated antitumor immune responses. OncoImmunology, 2016, 5, e1068493.	2.1	68
77	Effective Clinical Responses in Metastatic Melanoma Patients after Vaccination with Primary Myeloid Dendritic Cells. Clinical Cancer Research, 2016, 22, 2155-2166.	3.2	211
78	Semaphorin 7A Promotes Chemokine-Driven Dendritic Cell Migration. Journal of Immunology, 2016, 196, 459-468.	0.4	35
79	Tetraspanin CD37 protects against the development of B cell lymphoma. Journal of Clinical Investigation, 2016, 126, 653-666.	3.9	47
80	Proteome Based Construction of the Lymphocyte Function-Associated Antigen 1 (LFA-1) Interactome in Human Dendritic Cells. PLoS ONE, 2016, 11, e0149637.	1.1	2
81	The tetraspanin web revisited by super-resolution microscopy. Scientific Reports, 2015, 5, 12201.	1.6	123
82	Type I IFNâ€mediated synergistic activation of mouse and human DC subsets by TLR agonists. European Journal of Immunology, 2015, 45, 2798-2809.	1.6	17
83	AFM force spectroscopy reveals how subtle structural differences affect the interaction strength betweenCandida albicansand DC-SIGN. Journal of Molecular Recognition, 2015, 28, 687-698.	1.1	15
84	Multispectral imaging reveals the tissue distribution of tetraspanins in human lymphoid organs. Histochemistry and Cell Biology, 2015, 144, 133-146.	0.8	23
85	Targeted Delivery of a Sialic Acid-Blocking Glycomimetic to Cancer Cells Inhibits Metastatic Spread. ACS Nano, 2015, 9, 733-745.	7.3	123
86	Engineering monocyte-derived dendritic cells to secrete interferon-Î± enhances their ability to promote adaptive and innate anti-tumor immune effector functions. Cancer Immunology, Immunotherapy, 2015, 64, 831-842.	2.0	27
87	Immune infiltrates impact on the prediction of prognosis and response to immunotherapy of melanoma patients. Journal of Translational Medicine, 2015, 13, P12.	1.8	2
88	Design of a Highly Selective Quenched Activity-Based Probe and Its Application in Dual Color Imaging Studies of Cathepsin S Activity Localization. Journal of the American Chemical Society, 2015, 137, 4771-4777.	6.6	63
89	PLGA-encapsulated perfluorocarbon nanoparticles for simultaneous visualization of distinct cell populations by ¹⁹F MRI. Nanomedicine, 2015, 10, 2339-2348.	1.7	34
90	Selective Expression of the MAPK Phosphatase Dusp9/MKP-4 in Mouse Plasmacytoid Dendritic Cells and Regulation of IFN-Î² Production. Journal of Immunology, 2015, 195, 1753-1762.	0.4	8

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91	Intranodal vaccination with mRNA-optimized dendritic cells in metastatic melanoma patients. OncoImmunology, 2015, 4, e1019197.	2.1	55
92	Restoring immunosurveillance by dendritic cell vaccines and manipulation of the tumor microenvironment. Immunobiology, 2015, 220, 243-248.	0.8	13
93	Polymer-Based Synthetic Dendritic Cells for Tailoring Robust and Multifunctional T Cell Responses. ACS Chemical Biology, 2015, 10, 485-492.	1.6	43
94	Paradigm Shift in Dendritic Cell-Based Immunotherapy: From in vitro Generated Monocyte-Derived DCs to Naturally Circulating DC Subsets. Frontiers in Immunology, 2014, 5, 165.	2.2	127
95	Dynamic coupling of ALCAM to the actin cortex strengthens cell adhesion to CD6. Journal of Cell Science, 2014, 127, 1595-606.	1.2	39
96	Syntenin-1 and Ezrin Proteins Link Activated Leukocyte Cell Adhesion Molecule to the Actin Cytoskeleton. Journal of Biological Chemistry, 2014, 289, 13445-13460.	1.6	34
97	Long Overall Survival After Dendritic Cell Vaccination in Metastatic Uveal Melanoma Patients. American Journal of Ophthalmology, 2014, 158, 939-947.e5.	1.7	53
98	Podosomes of dendritic cells facilitate antigen sampling. Journal of Cell Science, 2014, 127, 1052-1064.	1.2	71
99	Cord Blood Mesenchymal Stem Cells Suppress DC-T Cell Proliferation via Prostaglandin B2. Stem Cells and Development, 2014, 23, 1582-1593.	1.1	16
100	Actin-binding proteins differentially regulate endothelial cell stiffness, ICAM-1 function and neutrophil transmigration. Journal of Cell Science, 2014, 127, 4985-4985.	1.2	25
101	Early predictive value of multifunctional skin-infiltrating lymphocytes in anticancer immunotherapy. OncoImmunology, 2014, 3, e27219.	2.1	3
102	Tumoricidal activity of human dendritic cells. Trends in Immunology, 2014, 35, 38-46.	2.9	62
103	Towards efficient cancer immunotherapy: advances in developing artificial antigen-presenting cells. Trends in Biotechnology, 2014, 32, 456-465.	4.9	182
104	Actin-binding proteins differentially regulate endothelial cell stiffness, ICAM-1 function and neutrophil transmigration. Journal of Cell Science, 2014, 127, 4470-82.	1.2	89
105	The right touch: design of artificial antigen-presenting cells to stimulate the immune system. Chemical Science, 2014, 5, 3355.	3.7	41
106	Tracking Targeted Bimodal Nanovaccines: Immune Responses and Routing in Cells, Tissue, and Whole Organism. Molecular Pharmaceutics, 2014, 11, 4299-4313.	2.3	42
107	Using Magnetic Probes to Study Receptor Clustering in Live Cells. Biophysical Journal, 2014, 106, 20a.	0.2	0
108	Dendritic Cell-Based Cancer Vaccines. , 2014, , 69-87.		0

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109	Actin-binding proteins differentially regulate endothelial cell stiffness, ICAM-1 function and neutrophil transmigration. Development (Cambridge), 2014, 141, e2106-e2106.	1.2	0
110	In vivo imaging of therapy-induced anti-cancer immune responses in humans. Cellular and Molecular Life Sciences, 2013, 70, 2237-2257.	2.4	21
111	Therapeutic nanoworms: towards novel synthetic dendritic cells for immunotherapy. Chemical Science, 2013, 4, 4168.	3.7	91
112	The stem cell markers Oct4A, Nanog and c-Myc are expressed in ascites cells and tumor tissue of ovarian cancer patients. Cellular Oncology (Dordrecht), 2013, 36, 363-374.	2.1	56
113	ALCAM/CD166 adhesive function is regulated by the tetraspanin CD9. Cellular and Molecular Life Sciences, 2013, 70, 475-493.	2.4	61
114	Studying T-Cell Co-Receptors with Magnetic Probes. Biophysical Journal, 2013, 104, 500a-501a.	0.2	0
115	The Neck Region Regulates Spatiotemporal Organization and Virus-Binding Capability of the Pathogen Recognition Receptor DC-Sign. Biophysical Journal, 2013, 104, 610a.	0.2	0
116	Probing cellular heterogeneity in cytokine-secreting immune cells using droplet-based microfluidics. Lab on A Chip, 2013, 13, 4740.	3.1	204
117	Targeting Uptake Receptors on Human Plasmacytoid Dendritic Cells Triggers Antigen Cross-Presentation and Robust Type I IFN Secretion. Journal of Immunology, 2013, 191, 5005-5012.	0.4	98
118	Human plasmacytoid dendritic cells efficiently cross-present exogenous Ags to CD8+ T cells despite lower Ag uptake than myeloid dendritic cell subsets. Blood, 2013, 121, 459-467.	0.6	154
119	Targeting CD4+ T-Helper Cells Improves the Induction of Antitumor Responses in Dendritic Cellâ€“Based Vaccination. Cancer Research, 2013, 73, 19-29.	0.4	131
120	Physical limits of cell migration: Control by ECM space and nuclear deformation and tuning by proteolysis and traction force. Journal of Cell Biology, 2013, 201, 1069-1084.	2.3	1,123
121	Mesoscale Coordinated Dynamics of Cytoskeletal Components at Mechanosensory Podosomes Shown by Time Resolved STICS. Biophysical Journal, 2013, 104, 143a.	0.2	0
122	Integrating High-Resolution Bioimaging Techniques to Unravel How Membrane Lipids Influence Nanoscale Organization and Lateral Mobility of Adhesion Receptors. Biophysical Journal, 2013, 104, 612a.	0.2	0
123	Natural Human Plasmacytoid Dendritic Cells Induce Antigen-Specific T-Cell Responses in Melanoma Patients. Cancer Research, 2013, 73, 1063-1075.	0.4	295
124	Dendritic cell-based nanovaccines for cancer immunotherapy. Current Opinion in Immunology, 2013, 25, 389-395.	2.4	118
125	Targeting of 111In-Labeled Dendritic Cell Human Vaccines Improved by Reducing Number of Cells. Clinical Cancer Research, 2013, 19, 1525-1533.	3.2	58
126	Interplay between myosin IIA-mediated contractility and actin network integrity orchestrates podosome composition and oscillations. Nature Communications, 2013, 4, 1412.	5.8	117

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127	Human Plasmacytoid Dendritic Cells: From Molecules to Intercellular Communication Network. Frontiers in Immunology, 2013, 4, 372.	2.2	93
128	In vivo ¹⁹F MRI for Cell Tracking. Journal of Visualized Experiments, 2013, , e50802.	0.2	18
129	Dual-color superresolution microscopy reveals nanoscale organization of mechanosensory podosomes. Molecular Biology of the Cell, 2013, 24, 2112-2123.	0.9	104
130	Cell tracking using multimodal imaging. Contrast Media and Molecular Imaging, 2013, 8, 432-438.	0.4	19
131	Functional OCT4-specific CD4⁺and CD8⁺T cells in healthy controls and ovarian cancer patients. OncoImmunology, 2013, 2, e24271.	2.1	11
132	Automated Podosome Identification and Characterization in Fluorescence Microscopy Images. Microscopy and Microanalysis, 2013, 19, 180-189.	0.2	18
133	Reducing cell number improves the homing of dendritic cells to lymph nodes upon intradermal vaccination. OncoImmunology, 2013, 2, e24661.	2.1	20
134	Importance of helper T-cell activation in dendritic cell-based anticancer immunotherapy. OncoImmunology, 2013, 2, e24440.	2.1	11
135	Naturally circulating dendritic cells to vaccinate cancer patients. OncoImmunology, 2013, 2, e23431.	2.1	27
136	Targeting dendritic cellsâ€"why bother?. Blood, 2013, 121, 2836-2844.	0.6	106
137	The nature of activatory and tolerogenic dendritic cell-derived signal II. Frontiers in Immunology, 2013, 4, 53.	2.2	91
138	Clinical Implications of Co-Inhibitory Molecule Expression in the Tumor Microenvironment for DC Vaccination: A Game of Stop and Go. Frontiers in Immunology, 2013, 4, 417.	2.2	62
139	Aiming to immune elimination of ovarian cancer stem cells. World Journal of Stem Cells, 2013, 5, 149.	1.3	6
140	Dendritic Cell-Based Cancer Immunotherapy: Achievements and Novel Concepts. , 2013, , 71-108.		0
141	Vaccination with mRNA-Electroporated Dendritic Cells Induces Robust Tumor Antigen-Specific CD4+ and CD8+ T Cells Responses in Stage III and IV Melanoma Patients. Clinical Cancer Research, 2012, 18, 5460-5470.	3.2	86
142	Enhancing immunogenicity and cross-reactivity of HIV-1 antigens by<i>in vivo</i>targeting to dendritic cells. Nanomedicine, 2012, 7, 1591-1610.	1.7	5
143	The Neck Region of the C-type Lectin DC-SIGN Regulates Its Surface Spatiotemporal Organization and Virus-binding Capacity on Antigen-presenting Cells. Journal of Biological Chemistry, 2012, 287, 38946-38955.	1.6	52
144	Lateral mobility of individual integrin nanoclusters orchestrates the onset for leukocyte adhesion. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4869-4874.	3.3	86

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145	In Vivo Tracking Techniques for Cellular Regeneration, Replacement, and Redirection. Journal of Nuclear Medicine, 2012, 53, 1825-1828.	2.8	19
146	The Tetraspanin CD37 Orchestrates the Î± ₄ Î² ₁ Integrinâ€“Akt Signaling Axis and Supports Long-Lived Plasma Cell Survival. Science Signaling, 2012, 5, ra82.	1.6	89
147	The C-type lectin receptor CLEC9A mediates antigen uptake and (cross-)presentation by human blood BDCA3+ myeloid dendritic cells. Blood, 2012, 119, 2284-2292.	0.6	217
148	Regulatory T cells in melanoma: the final hurdle towards effective immunotherapy?. Lancet Oncology, The, 2012, 13, e32-e42.	5.1	219
149	Human plasmacytoid dendritic cells are equipped with antigen-presenting and tumoricidal capacities. Blood, 2012, 120, 3936-3944.	0.6	80
150	Integrating High Resolution Bioimaging Techniques to Unravel Spatio-Temporal Organization of Podosomes. Biophysical Journal, 2012, 102, 695a.	0.2	0
151	Deciphering the Cross-Talk of the Prostaglandin G-Protein Coupled Receptors EP2 and EP4: From Molecular Insights to Novel Anti-Tumor Targets. Biophysical Journal, 2012, 102, 517a.	0.2	0
152	Skin-Test Infiltrating Lymphocytes Early Predict Clinical Outcome of Dendritic Cellâ€“Based Vaccination in Metastatic Melanoma. Cancer Research, 2012, 72, 6102-6110.	0.4	50
153	Antibodies and carbohydrate ligands binding to <scp>DCâ€SIGN</scp> differentially modulate receptor trafficking. European Journal of Immunology, 2012, 42, 1989-1998.	1.6	25
154	Targeting dendritic cells with antigen via dendritic cell-associated promoters. Cancer Gene Therapy, 2012, 19, 303-311.	2.2	14
155	Labeling cells for inÂvivo tracking using 19F MRI. Biomaterials, 2012, 33, 8830-8840.	5.7	126
156	A Method for Spatially Resolved Local Intracellular Mechanochemical Sensing and Organelle Manipulation. Biophysical Journal, 2012, 103, 395-404.	0.2	10
157	Targeting Nanoparticles to Dendritic Cells for Immunotherapy. Methods in Enzymology, 2012, 509, 143-163.	0.4	110
158	Insight into the dynamics, localization and magnitude of antigen-specific immune responses by [18F]FLT PET imaging. OncoImmunology, 2012, 1, 744-745.	2.1	3
159	Geometry sensing by dendritic cells dictates spatial organization and PGE2-induced dissolution of podosomes. Cellular and Molecular Life Sciences, 2012, 69, 1889-1901.	2.4	72
160	The chemotherapeutic drug oxaliplatin differentially affects blood DC function dependent on environmental cues. Cancer Immunology, Immunotherapy, 2012, 61, 1101-1111.	2.0	41
161	Harnessing human plasmacytoid dendritic cells as professional APCs. Cancer Immunology, Immunotherapy, 2012, 61, 1279-1288.	2.0	53
162	Current Vaccination Strategies for Prostate Cancer. European Urology, 2012, 61, 290-306.	0.9	35

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163	Comparison of antibodies and carbohydrates to target vaccines to human dendritic cells via DC-SIGN. Biomaterials, 2012, 33, 4229-4239.	5.7	71
164	Unraveling the human dendritic cell phagosome proteome by organellar enrichment ranking. Journal of Proteomics, 2012, 75, 1547-1562.	1.2	27
165	A largeâ€scale ¹⁹F MRIâ€based cell migration assay to optimize cell therapy. NMR in Biomedicine, 2012, 25, 1095-1103.	1.6	20
166	The Modular Nature of Dendritic Cell Responses to Commensal and Pathogenic Fungi. PLoS ONE, 2012, 7, e42430.	1.1	12
167	Dynamic cell adhesion and migration on nanoscale grooved substrates. , 2012, 23, 182-194.		53
168	Novel Concepts in Dendritic Cell Vaccination against Cancer. AACR Education Book, 2012, 2012, 61-65.	0.0	0
169	Multimodal Imaging of Nanovaccine Carriers Targeted to Human Dendritic Cells. Molecular Pharmaceutics, 2011, 8, 520-531.	2.3	70
170	Cytokine analysis as a tool to understand tumourâ€“host interaction in ovarian cancer. European Journal of Cancer, 2011, 47, 1883-1889.	1.3	46
171	Targeted antigen delivery and activation of dendritic cells in vivo: Steps towards cost effective vaccines. Seminars in Immunology, 2011, 23, 12-20.	2.7	118
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