

Carl Figdor

List of Publications by Year in descending order

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502
papers

49,611
citations

1233

110
h-index

2125

203
g-index

512
all docs

512
docs citations

512
times ranked

42750
citing authors

#	ARTICLE	IF	CITATIONS
1	Interleukin 10(IL-10) inhibits cytokine synthesis by human monocytes: an autoregulatory role of IL-10 produced by monocytes.. Journal of Experimental Medicine, 1991, 174, 1209-1220.	4.2	3,556
2	DC-SIGN, a Dendritic Cell-Specific HIV-1-Binding Protein that Enhances trans-Infection of T Cells. Cell, 2000, 100, 587-597.	13.5	2,214
3	Interleukin 10 (IL-10) and viral IL-10 strongly reduce antigen-specific human T cell proliferation by diminishing the antigen-presenting capacity of monocytes via downregulation of class II major histocompatibility complex expression.. Journal of Experimental Medicine, 1991, 174, 915-924.	4.2	1,845
4	Identification of DC-SIGN, a Novel Dendritic Cell-Specific ICAM-3 Receptor that Supports Primary Immune Responses. Cell, 2000, 100, 575-585.	13.5	1,558
5	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
6	Dendritic cell immunotherapy: mapping the way. Nature Medicine, 2004, 10, 475-480.	15.2	896
7	Magnetic resonance tracking of dendritic cells in melanoma patients for monitoring of cellular therapy. Nature Biotechnology, 2005, 23, 1407-1413.	9.4	791
8	C-type lectin receptors on dendritic cells and langerhans cells. Nature Reviews Immunology, 2002, 2, 77-84.	10.6	750
9	Dendritic-cell immunotherapy: from ex vivo loading to in vivo targeting. Nature Reviews Immunology, 2007, 7, 790-802.	10.6	678
10	Effective migration of antigen-pulsed dendritic cells to lymph nodes in melanoma patients is determined by their maturation state. Cancer Research, 2003, 63, 12-7.	0.4	659
11	The Dendritic Cell-Specific Adhesion Receptor DC-SIGN Internalizes Antigen for Presentation to T Cells. Journal of Immunology, 2002, 168, 2118-2126.	0.4	568
12	Melanocyte lineage-specific antigen gp100 is recognized by melanoma-derived tumor-infiltrating lymphocytes.. Journal of Experimental Medicine, 1994, 179, 1005-1009.	4.2	553
13	Different Faces of the Heme-Heme Oxygenase System in Inflammation. Pharmacological Reviews, 2003, 55, 551-571.	7.1	503
14	A dendritic-cell-derived C chemokine that preferentially attracts naive T cells. Nature, 1997, 387, 713-717.	13.7	480
15	DC-SIGN-ICAM-2 interaction mediates dendritic cell trafficking. Nature Immunology, 2000, 1, 353-357.	7.0	465
16	Effects of IL-13 on phenotype, cytokine production, and cytotoxic function of human monocytes. Comparison with IL-4 and modulation by IFN-gamma or IL-10. Journal of Immunology, 1993, 151, 6370-81.	0.4	457
17	Enhancement of LFA-1-mediated cell adhesion by triggering through CD2 or CD3 on T lymphocytes. Nature, 1989, 342, 811-813.	13.7	450
18	Heme is a potent inducer of inflammation in mice and is counteracted by heme oxygenase. Blood, 2001, 98, 1802-1811.	0.6	383

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19	In Situ Tumor Ablation Creates an Antigen Source for the Generation of Antitumor Immunity. <i>Cancer Research</i> , 2004, 64, 4024-4029.	0.4	376
20	How C-type lectins detect pathogens. <i>Cellular Microbiology</i> , 2005, 7, 481-488.	1.1	355
21	The C-type lectin DC-SIGN (CD209) is an antigen-uptake receptor for <i>Candida albicans</i> on dendritic cells. <i>European Journal of Immunology</i> , 2003, 33, 532-538.	1.6	336
22	TRPM7, a novel regulator of actomyosin contractility and cell adhesion. <i>EMBO Journal</i> , 2006, 25, 290-301.	3.5	323
23	Avidity regulation of integrins: the driving force in leukocyte adhesion. <i>Current Opinion in Cell Biology</i> , 2000, 12, 542-547.	2.6	320
24	The threshold at which substrate nanogroove dimensions may influence fibroblast alignment and adhesion. <i>Biomaterials</i> , 2007, 28, 3944-3951.	5.7	311
25	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
26	Dendritic Cell-Based Immunotherapy: State of the Art and Beyond. <i>Clinical Cancer Research</i> , 2016, 22, 1897-1906.	3.2	295
27	NK cell activation by dendritic cells (DCs) requires the formation of a synapse leading to IL-12 polarization in DCs. <i>Blood</i> , 2004, 104, 3267-3275.	0.6	291
28	Platinum-based drugs disrupt STAT6-mediated suppression of immune responses against cancer in humans and mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 3100-3108.	3.9	271
29	Effective induction of naive and recall T-cell responses by targeting antigen to human dendritic cells via a humanized anti-DC-SIGN antibody. <i>Blood</i> , 2005, 106, 1278-1285.	0.6	265
30	19F MRI for quantitative in vivo cell tracking. <i>Trends in Biotechnology</i> , 2010, 28, 363-370.	4.9	252
31	Efficient loading of dendritic cells following cryo and radiofrequency ablation in combination with immune modulation induces anti-tumour immunity. <i>British Journal of Cancer</i> , 2006, 95, 896-905.	2.9	248
32	Ins and outs of LFA-1. <i>Trends in Immunology</i> , 1995, 16, 479-483.	7.5	245
33	Targeted PLGA nano- but not microparticles specifically deliver antigen to human dendritic cells via DC-SIGN in vitro. <i>Journal of Controlled Release</i> , 2010, 144, 118-126.	4.8	242
34	Maturation of dendritic cells is a prerequisite for inducing immune responses in advanced melanoma patients. <i>Clinical Cancer Research</i> , 2003, 9, 5091-100.	3.2	235
35	De-novo expression of CD44 and survival in gastric cancer. <i>Lancet, The</i> , 1993, 342, 1019-1022.	6.3	230
36	Targeting DCIR on human plasmacytoid dendritic cells results in antigen presentation and inhibits IFN- γ production. <i>Blood</i> , 2008, 111, 4245-4253.	0.6	230

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37	Migrating into the Tumor: a Roadmap for T Cells. Trends in Cancer, 2017, 3, 797-808.	3.8	230
38	Biomolecular Interactions Measured by Atomic Force Microscopy. Biophysical Journal, 2000, 79, 3267-3281.	0.2	226
39	Dual function of C-type lectin-like receptors in the immune system. Current Opinion in Cell Biology, 2003, 15, 539-546.	2.6	225
40	Microdomains of the C-type lectin DC-SIGN are portals for virus entry into dendritic cells. Journal of Cell Biology, 2004, 164, 145-155.	2.3	222
41	Toll-like receptor expression and function in human dendritic cell subsets: implications for dendritic cell-based anti-cancer immunotherapy. Cancer Immunology, Immunotherapy, 2010, 59, 1573-1582.	2.0	220
42	Regulatory T cells in melanoma: the final hurdle towards effective immunotherapy?. Lancet Oncology, The, 2012, 13, e32-e42.	5.1	219
43	Biodistribution and vaccine efficiency of murine dendritic cells are dependent on the route of administration. Cancer Research, 1999, 59, 3340-5.	0.4	219
44	Hotspots of GPI-anchored proteins and integrin nanoclusters function as nucleation sites for cell adhesion. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 18557-18562.	3.3	217
45	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
46	Dendritic Cell Vaccination in Combination with Anti-CD25 Monoclonal Antibody Treatment: A Phase I/II Study in Metastatic Melanoma Patients. Clinical Cancer Research, 2010, 16, 5067-5078.	3.2	212
47	Effective Clinical Responses in Metastatic Melanoma Patients after Vaccination with Primary Myeloid Dendritic Cells. Clinical Cancer Research, 2016, 22, 2155-2166.	3.2	211
48	Dendritic Cell Interaction with Candida albicans Critically Depends on N-Linked Mannan. Journal of Biological Chemistry, 2008, 283, 20590-20599.	1.6	209
49	A Human Minor Histocompatibility Antigen Specific for B Cell Acute Lymphoblastic Leukemia. Journal of Experimental Medicine, 1999, 189, 301-308.	4.2	207
50	Activation of LFA-1 through a Ca ²⁺ (+)-dependent epitope stimulates lymphocyte adhesion.. Journal of Cell Biology, 1991, 112, 345-354.	2.3	205
51	On the mode of action of LFA-1. Trends in Immunology, 1990, 11, 277-280.	7.5	204
52	Probing cellular heterogeneity in cytokine-secreting immune cells using droplet-based microfluidics. Lab on A Chip, 2013, 13, 4740.	3.1	204
53	Modulation of phenotypic and functional properties of human peripheral blood monocytes by IL-4. Journal of Immunology, 1988, 140, 1548-54.	0.4	202
54	Simultaneous Height and Adhesion Imaging of Antibody-Antigen Interactions by Atomic Force Microscopy. Biophysical Journal, 1998, 75, 2220-2228.	0.2	198

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55	Myosin II and mechanotransduction: a balancing act. <i>Trends in Cell Biology</i> , 2007, 17, 178-186.	3.6	193
56	A monoclonal antibody (NKI-L16) directed against a unique epitope on the alpha-chain of human leukocyte function-associated antigen 1 induces homotypic cell-cell interactions. <i>Journal of Immunology</i> , 1988, 140, 1393-400.	0.4	189
57	Long-term engagement of CD6 and ALCAM is essential for T-cell proliferation induced by dendritic cells. <i>Blood</i> , 2006, 107, 3212-3220.	0.6	185
58	Cell biology beyond the diffraction limit: near-field scanning optical microscopy. <i>Journal of Cell Science</i> , 2001, 114, 4153-4160.	1.2	184
59	Towards efficient cancer immunotherapy: advances in developing artificial antigen-presenting cells. <i>Trends in Biotechnology</i> , 2014, 32, 456-465.	4.9	182
60	Eight-Color Multiplex Immunohistochemistry for Simultaneous Detection of Multiple Immune Checkpoint Molecules within the Tumor Microenvironment. <i>Journal of Immunology</i> , 2018, 200, 347-354.	0.4	181
61	Immunomonitoring Tumor-Specific T Cells in Delayed-Type Hypersensitivity Skin Biopsies After Dendritic Cell Vaccination Correlates With Clinical Outcome. <i>Journal of Clinical Oncology</i> , 2005, 23, 5779-5787.	0.8	174
62	Limited Amounts of Dendritic Cells Migrate into the T-Cell Area of Lymph Nodes but Have High Immune Activating Potential in Melanoma Patients. <i>Clinical Cancer Research</i> , 2009, 15, 2531-2540.	3.2	172
63	The Extracellular Domain of CD83 Inhibits Dendritic Cell-mediated T Cell Stimulation and Binds to a Ligand on Dendritic Cells. <i>Journal of Experimental Medicine</i> , 2001, 194, 1813-1821.	4.2	168
64	The influence of PEG chain length and targeting moiety on antibody-mediated delivery of nanoparticle vaccines to human dendritic cells. <i>Biomaterials</i> , 2011, 32, 6791-6803.	5.7	167
65	Synergy between In situ Cryoablation and TLR9 Stimulation Results in a Highly Effective In vivo Dendritic Cell Vaccine. <i>Cancer Research</i> , 2006, 66, 7285-7292.	0.4	166
66	Identification of Different Binding Sites in the Dendritic Cell-specific Receptor DC-SIGN for Intercellular Adhesion Molecule 3 and HIV-1. <i>Journal of Biological Chemistry</i> , 2002, 277, 11314-11320.	1.6	165
67	IL-10 stimulates monocyte Fc gamma R surface expression and cytotoxic activity. Distinct regulation of antibody-dependent cellular cytotoxicity by IFN-gamma, IL-4, and IL-10. <i>Journal of Immunology</i> , 1992, 149, 4048-52.	0.4	164
68	Biochemical and functional characteristics of the human leukocyte membrane antigen family LFA-1, Mo-1 and p150,95. <i>European Journal of Immunology</i> , 1985, 15, 1142-1148.	1.6	161
69	Dual role of the actin cytoskeleton in regulating cell adhesion mediated by the integrin lymphocyte function-associated molecule-1. <i>Molecular Biology of the Cell</i> , 1997, 8, 341-351.	0.9	158
70	Route of Administration Modulates the Induction of Dendritic Cell Vaccine-induced Antigen-Specific T Cells in Advanced Melanoma Patients. <i>Clinical Cancer Research</i> , 2011, 17, 5725-5735.	3.2	158
71	Episialin (MUC1) inhibits cytotoxic lymphocyte-target cell interaction. <i>Journal of Immunology</i> , 1993, 151, 767-76.	0.4	157
72	Targeted delivery of TLR ligands to human and mouse dendritic cells strongly enhances adjuvanticity. <i>Blood</i> , 2011, 118, 6836-6844.	0.6	155

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73	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
74	Role of p150,95 in adhesion, migration, chemotaxis and phagocytosis of human monocytes. <i>European Journal of Immunology</i> , 1987, 17, 1317-1322.	1.6	153
75	Molecular cloning and immunogenicity of renal cell carcinoma-associated antigen G250. <i>International Journal of Cancer</i> , 2000, 85, 865-870.	2.3	152
76	Triggering of the CD44 antigen on T lymphocytes promotes T cell adhesion through the LFA-1 pathway. <i>Journal of Immunology</i> , 1990, 145, 3589-93.	0.4	142
77	Maturation of monocyte-derived dendritic cells with Toll-like receptor 3 and 7/8 ligands combined with prostaglandin E2 results in high interleukin-12 production and cell migration. <i>Cancer Immunology, Immunotherapy</i> , 2008, 57, 1589-1597.	2.0	141
78	Synthetic immune niches for cancer immunotherapy. <i>Nature Reviews Immunology</i> , 2018, 18, 212-219.	10.6	141
79	Phenotypical and Functional Characterization of Clinical Grade Dendritic Cells. <i>Journal of Immunotherapy</i> , 2002, 25, 429-438.	1.2	140
80	The Actin Cytoskeleton Regulates LFA-1 Ligand Binding through Avidity Rather than Affinity Changes. <i>Journal of Biological Chemistry</i> , 1999, 274, 26869-26877.	1.6	139
81	Peptide Fine Specificity of Anti-Glycoprotein 100 CTL Is Preserved Following Transfer of Engineered TCR α β Genes Into Primary Human T Lymphocytes. <i>Journal of Immunology</i> , 2003, 170, 2186-2194.	0.4	138
82	Molecular Basis for the Homophilic Activated Leukocyte Cell Adhesion Molecule (ALCAM)-ALCAM Interaction. <i>Journal of Biological Chemistry</i> , 2001, 276, 25783-25790.	1.6	137
83	Migration of dendritic cell based cancer vaccines: in vivo veritas?. <i>Current Opinion in Immunology</i> , 2005, 17, 170-174.	2.4	135
84	Ovarian cancer creates a suppressive microenvironment to escape immune elimination. <i>Gynecologic Oncology</i> , 2010, 117, 366-372.	0.6	134
85	Extracellular Ca ²⁺ modulates leukocyte function-associated antigen-1 cell surface distribution on T lymphocytes and consequently affects cell adhesion. <i>Journal of Cell Biology</i> , 1994, 124, 1061-1070.	2.3	133
86	A Critical Role for Prostaglandin E2 in Podosome Dissolution and Induction of High-Speed Migration during Dendritic Cell Maturation. <i>Journal of Immunology</i> , 2006, 177, 1567-1574.	0.4	133
87	Cytoshesin-1 regulates beta-2 integrin-mediated adhesion through both ARF-GEF function and interaction with LFA-1. <i>EMBO Journal</i> , 2000, 19, 2525-2536.	3.5	132
88	Consolidative Dendritic Cell-based Immunotherapy Elicits Cytotoxicity against Malignant Mesothelioma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 181, 1383-1390.	2.5	131
89	Targeting CD4+ T-Helper Cells Improves the Induction of Antitumor Responses in Dendritic Cell-Based Vaccination. <i>Cancer Research</i> , 2013, 73, 19-29.	0.4	131
90	Cell biology beyond the diffraction limit: near-field scanning optical microscopy. <i>Journal of Cell Science</i> , 2001, 114, 4153-60.	1.2	130

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91	Adhesion of T and B lymphocytes to extracellular matrix and endothelial cells can be regulated through the beta subunit of VLA. <i>Journal of Cell Biology</i> , 1992, 117, 461-470.	2.3	129
92	Elevated CXCL16 expression by synovial macrophages recruits memory T cells into rheumatoid joints. <i>Arthritis and Rheumatism</i> , 2005, 52, 1381-1391.	6.7	128
93	Paradigm Shift in Dendritic Cell-Based Immunotherapy: From in vitro Generated Monocyte-Derived DCs to Naturally Circulating DC Subsets. <i>Frontiers in Immunology</i> , 2014, 5, 165.	2.2	127
94	Imaging of cellular therapies. <i>Advanced Drug Delivery Reviews</i> , 2010, 62, 1080-1093.	6.6	126
95	Labeling cells for in vivo tracking using 19F MRI. <i>Biomaterials</i> , 2012, 33, 8830-8840.	5.7	126
96	TRPM7 Regulates Myosin IIA Filament Stability and Protein Localization by Heavy Chain Phosphorylation. <i>Journal of Molecular Biology</i> , 2008, 378, 790-803.	2.0	125
97	DCIR is endocytosed into human dendritic cells and inhibits TLR8-mediated cytokine production. <i>Journal of Leukocyte Biology</i> , 2009, 85, 518-525.	1.5	125
98	Functional Differences Between Mesenchymal Stem Cell Populations Are Reflected by Their Transcriptome. <i>Stem Cells and Development</i> , 2010, 19, 481-490.	1.1	124
99	Expression of neural cell adhesion molecule-related sialoglycoprotein in small cell lung cancer and neuroblastoma cell lines H69 and CHP-212. <i>Cancer Research</i> , 1990, 50, 1102-6.	0.4	124
100	Molecular characterization of the melanocyte lineage-specific antigen gp100. <i>Journal of Biological Chemistry</i> , 1994, 269, 20126-33.	1.6	124
101	The tetraspanin web revisited by super-resolution microscopy. <i>Scientific Reports</i> , 2015, 5, 12201.	1.6	123
102	Targeted Delivery of a Sialic Acid-Blocking Glycomimetic to Cancer Cells Inhibits Metastatic Spread. <i>ACS Nano</i> , 2015, 9, 733-745.	7.3	123
103	The heme-heme oxygenase system: a molecular switch in wound healing. <i>Blood</i> , 2003, 102, 521-528.	0.6	122
104	Generation of antimelanoma cytotoxic T lymphocytes from healthy donors after presentation of melanoma-associated antigen-derived epitopes by dendritic cells in vitro. <i>Cancer Research</i> , 1995, 55, 5330-4.	0.4	121
105	Customizable, multi-functional fluorocarbon nanoparticles for quantitative in vivo imaging using 19F MRI and optical imaging. <i>Biomaterials</i> , 2010, 31, 7070-7077.	5.7	120
106	Lipid peroxidation causes endosomal antigen release for cross-presentation. <i>Scientific Reports</i> , 2016, 6, 22064.	1.6	120
107	Organization of the Integrin LFA-1 in Nanoclusters Regulates Its Activity. <i>Molecular Biology of the Cell</i> , 2006, 17, 4270-4281.	0.9	118
108	Targeted antigen delivery and activation of dendritic cells in vivo: Steps towards cost effective vaccines. <i>Seminars in Immunology</i> , 2011, 23, 12-20.	2.7	118

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109	Dendritic cell-based nanovaccines for cancer immunotherapy. <i>Current Opinion in Immunology</i> , 2013, 25, 389-395.	2.4	118
110	Interplay between myosin IIA-mediated contractility and actin network integrity orchestrates podosome composition and oscillations. <i>Nature Communications</i> , 2013, 4, 1412.	5.8	117
111	Interleukin-4 (IL-4) inhibits secretion of IL-1 beta, tumor necrosis factor alpha, and IL-6 by human monocytes. <i>Blood</i> , 1990, 76, 1392-7.	0.6	117
112	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
113	Identification of a novel peptide derived from the melanocyte-specific gp100 antigen as the dominant epitope recognized by an HLA-A2.1-restricted anti-melanoma CTL line. <i>International Journal of Cancer</i> , 1995, 62, 97-102.	2.3	115
114	The LFA-1 Integrin Supports Rolling Adhesions on ICAM-1 Under Physiological Shear Flow in a Permissive Cellular Environment. <i>Journal of Immunology</i> , 2000, 165, 442-452.	0.4	113
115	Dendritic cell vaccines in melanoma: From promise to proof?. <i>Critical Reviews in Oncology/Hematology</i> , 2008, 66, 118-134.	2.0	113
116	Targeting antigens to dendritic cells in vivo. <i>Immunobiology</i> , 2006, 211, 599-608.	0.8	112
117	Interlaboratory round robin on cantilever calibration for AFM force spectroscopy. <i>Ultramicroscopy</i> , 2011, 111, 1659-1669.	0.8	110
118	Targeting Nanoparticles to Dendritic Cells for Immunotherapy. <i>Methods in Enzymology</i> , 2012, 509, 143-163.	0.4	110
119	Antigen expression of metastasizing and non-metastasizing human melanoma cells xenografted into nude mice. <i>Clinical and Experimental Metastasis</i> , 1991, 9, 259-272.	1.7	108
120	Targeting dendritic cells—why bother?. <i>Blood</i> , 2013, 121, 2836-2844.	0.6	106
121	Ligand-Conjugated Quantum Dots Monitor Antigen Uptake and Processing by Dendritic Cells. <i>Nano Letters</i> , 2007, 7, 970-977.	4.5	105
122	Near-field scanning optical microscopy in liquid for high resolution single molecule detection on dendritic cells. <i>FEBS Letters</i> , 2004, 573, 6-10.	1.3	104
123	Targeting DC-SIGN via its neck region leads to prolonged antigen residence in early endosomes, delayed lysosomal degradation, and cross-presentation. <i>Blood</i> , 2011, 118, 4111-4119.	0.6	104
124	Dual-color superresolution microscopy reveals nanoscale organization of mechanosensory podosomes. <i>Molecular Biology of the Cell</i> , 2013, 24, 2112-2123.	0.9	104
125	Killer cell inhibitory receptors for MHC class I molecules regulate lysis of melanoma cells mediated by NK cells, gamma delta T cells, and antigen-specific CTL. <i>Journal of Immunology</i> , 1998, 160, 5239-45.	0.4	104
126	The renal cell carcinoma-associated antigen G250 encodes a human leukocyte antigen (HLA)-A2.1-restricted epitope recognized by cytotoxic T lymphocytes. <i>Cancer Research</i> , 1999, 59, 5554-9.	0.4	103

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127	Dendritic cells break tolerance and induce protective immunity against a melanocyte differentiation antigen in an autologous melanoma model. <i>Cancer Research</i> , 2000, 60, 6995-7001.	0.4	103
128	DC-STAMP, a novel multimembrane-spanning molecule preferentially expressed by dendritic cells. <i>European Journal of Immunology</i> , 2000, 30, 3585-3590.	1.6	101
129	High Frequency of Adhesion Defects in B-Lineage Acute Lymphoblastic Leukemia. <i>Blood</i> , 1999, 94, 754-764.	0.6	99
130	Immune Adjuvant Efficacy of CpG Oligonucleotide in Cancer Treatment Is Founded Specifically upon TLR9 Function in Plasmacytoid Dendritic Cells. <i>Cancer Research</i> , 2011, 71, 6428-6437.	0.4	99
131	Cytotoxic T cells are able to efficiently eliminate cancer cells by additive cytotoxicity. <i>Nature Communications</i> , 2021, 12, 5217.	5.8	99
132	The Small GTPase Rap1 Is Required for Mn ²⁺ - and Antibody-induced LFA-1- and VLA-4-mediated Cell Adhesion. <i>Journal of Biological Chemistry</i> , 2002, 277, 29468-29476.	1.6	98
133	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
134	Dectin-1 Interaction with Tetraspanin CD37 Inhibits IL-6 Production. <i>Journal of Immunology</i> , 2007, 178, 154-162.	0.4	96
135	Nanoscale Organization of the Pathogen Receptor DC-SIGN Mapped by Single-Molecule High-Resolution Fluorescence Microscopy. <i>ChemPhysChem</i> , 2007, 8, 1473-1480.	1.0	93
136	Human Plasmacytoid Dendritic Cells: From Molecules to Intercellular Communication Network. <i>Frontiers in Immunology</i> , 2013, 4, 372.	2.2	93
137	Expansion of a BDCA1+CD14+ Myeloid Cell Population in Melanoma Patients May Attenuate the Efficacy of Dendritic Cell Vaccines. <i>Cancer Research</i> , 2016, 76, 4332-4346.	0.4	93
138	Plasmacytoid dendritic cells of melanoma patients present exogenous proteins to CD4+ T cells after FcγRII-mediated uptake. <i>Journal of Experimental Medicine</i> , 2006, 203, 1629-1635.	4.2	92
139	Dendritic cells in cancer immunotherapy. <i>Nature Materials</i> , 2018, 17, 474-475.	13.3	92
140	Dendritic cell vaccination and immune monitoring. <i>Cancer Immunology, Immunotherapy</i> , 2008, 57, 1559-1568.	2.0	91
141	Therapeutic nanoworms: towards novel synthetic dendritic cells for immunotherapy. <i>Chemical Science</i> , 2013, 4, 4168.	3.7	91
142	The nature of activatory and tolerogenic dendritic cell-derived signal II. <i>Frontiers in Immunology</i> , 2013, 4, 53.	2.2	91
143	Characterization of melanoma-associated surface antigens involved in the adhesion and motility of human melanoma cells. <i>International Journal of Cancer</i> , 1986, 38, 465-473.	2.3	90
144	Route of Administration of the TLR9 Agonist CpG Critically Determines the Efficacy of Cancer Immunotherapy in Mice. <i>PLoS ONE</i> , 2009, 4, e8368.	1.1	90

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145	IL-4 decreases Fc gamma R membrane expression and Fc gamma R-mediated cytotoxic activity of human monocytes. <i>Journal of Immunology</i> , 1990, 144, 3046-51.	0.4	90
146	The Tetraspanin CD37 Orchestrates the $\beta_4 \beta_1$ Integrin-Akt Signaling Axis and Supports Long-Lived Plasma Cell Survival. <i>Science Signaling</i> , 2012, 5, ra82.	1.6	89
147	Actin-binding proteins differentially regulate endothelial cell stiffness, ICAM-1 function and neutrophil transmigration. <i>Journal of Cell Science</i> , 2014, 127, 4470-82.	1.2	89
148	Massive Autophosphorylation of the Ser/Thr-Rich Domain Controls Protein Kinase Activity of TRPM6 and TRPM7. <i>PLoS ONE</i> , 2008, 3, e1876.	1.1	88
149	BLC (CXCL13) is expressed by different dendritic cell subsets in vitro and in vivo. <i>European Journal of Immunology</i> , 2001, 31, 1544-1549.	1.6	87
150	Distinct binding of T lymphocytes to ICAM-1, -2 or -3 upon activation of LFA-1. <i>European Journal of Immunology</i> , 1994, 24, 2155-2160.	1.6	86
151	Commonly used prophylactic vaccines as an alternative for synthetically produced TLR ligands to mature monocyte-derived dendritic cells. <i>Blood</i> , 2010, 116, 564-574.	0.6	86
152	Vaccination with mRNA-Electroporated Dendritic Cells Induces Robust Tumor Antigen-Specific CD4+ and CD8+ T Cells Responses in Stage III and IV Melanoma Patients. <i>Clinical Cancer Research</i> , 2012, 18, 5460-5470.	3.2	86
153	Lateral mobility of individual integrin nanoclusters orchestrates the onset for leukocyte adhesion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4869-4874.	3.3	86
154	Vaccination of colorectal cancer patients with CEA-loaded dendritic cells: antigen-specific T cell responses in DTH skin tests. <i>Annals of Oncology</i> , 2006, 17, 974-980.	0.6	85
155	Sensitivity of magnetic resonance imaging of dendritic cells for in vivo tracking of cellular cancer vaccines. <i>International Journal of Cancer</i> , 2006, 120, 978-984.	2.3	82
156	PGE2-mediated podosome loss in dendritic cells is dependent on actomyosin contraction downstream of the RhoA-Rho-kinase axis. <i>Journal of Cell Science</i> , 2008, 121, 1096-1106.	1.2	82
157	Human Plasmacytoid Dendritic Cells Phagocytose, Process, and Present Exogenous Particulate Antigen. <i>Journal of Immunology</i> , 2010, 184, 4276-4283.	0.4	80
158	Human plasmacytoid dendritic cells are equipped with antigen-presenting and tumoricidal capacities. <i>Blood</i> , 2012, 120, 3936-3944.	0.6	80
159	Membrane glycoprotein p150,95 of human cytotoxic T cell clone is involved in conjugate formation with target cells. <i>Journal of Immunology</i> , 1987, 138, 3130-6.	0.4	80
160	Generation and functional characterization of mouse monocyte-derived dendritic cells. <i>European Journal of Immunology</i> , 1999, 29, 2835-2841.	1.6	79
161	Differential function of LFA-1 family molecules (CD11 and CD18) in adhesion of human monocytes to melanoma and endothelial cells. <i>Immunology</i> , 1987, 61, 261-7.	2.0	78
162	Regulation of integrin-mediated adhesion to laminin and collagen in human melanocytes and in non-metastatic and highly metastatic human melanoma cells. <i>International Journal of Cancer</i> , 1993, 54, 315-321.	2.3	77

#	ARTICLE	IF	CITATIONS
163	Imaging of T-cells and their responses during anti-cancer immunotherapy. <i>Theranostics</i> , 2019, 9, 7924-7947.	4.6	77
164	Analogues of CTL epitopes with improved MHC class-I binding capacity elicit anti-melanoma CTL recognizing the wild-type epitope. , 1997, 70, 302-309.		76
165	Increased expression of CCL18, CCL19, and CCL17 by dendritic cells from patients with rheumatoid arthritis, and regulation by Fc gamma receptors. <i>Annals of the Rheumatic Diseases</i> , 2004, 64, 359-367.	0.5	76
166	Constitutive Chemokine Production Results in Activation of Leukocyte Function-Associated Antigen-1 on Adult T-Cell Leukemia Cells. <i>Blood</i> , 1998, 91, 3909-3919.	0.6	75
167	The Î±â€œkinases TRPM6 and TRPM7, but not eEFâ€œ kinase, phosphorylate the assembly domain of myosin IIA, IIB and IIC. <i>FEBS Letters</i> , 2008, 582, 2993-2997.	1.3	74
168	Human CD1c⁺ DCs are critical cellular mediators of immune responses induced by immunogenic cell death. <i>OncoImmunology</i> , 2016, 5, e1192739.	2.1	74
169	The Tetraspanin Protein CD37 Regulates IgA Responses and Anti-Fungal Immunity. <i>PLoS Pathogens</i> , 2009, 5, e1000338.	2.1	73
170	Melanocyte lineage-specific antigens recognized by monoclonal antibodies NKI-beteb, HMB-50, and HMB-45 are encoded by a single cDNA. <i>American Journal of Pathology</i> , 1993, 143, 1579-85.	1.9	73
171	Levels of complexity in pathogen recognition by C-type lectins. <i>Current Opinion in Immunology</i> , 2005, 17, 345-351.	2.4	72
172	Geometry sensing by dendritic cells dictates spatial organization and PGE2-induced dissolution of podosomes. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 1889-1901.	2.4	72
173	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
174	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
175	Dynamic Regulation of Activated Leukocyte Cell Adhesion Moleculeâ€œ mediated Homotypic Cell Adhesion through the Actin Cytoskeleton. <i>Molecular Biology of the Cell</i> , 2000, 11, 2057-2068.	0.9	71
176	DC-SIGN and LFA-1: a battle for ligand. <i>Trends in Immunology</i> , 2001, 22, 457-463.	2.9	71
177	Comparison of antibodies and carbohydrates to target vaccines to human dendritic cells via DC-SIGN. <i>Biomaterials</i> , 2012, 33, 4229-4239.	5.7	71
178	Podosomes of dendritic cells facilitate antigen sampling. <i>Journal of Cell Science</i> , 2014, 127, 1052-1064.	1.2	71
179	Recognition of a B cell leukemia-associated minor histocompatibility antigen by CTL. <i>Journal of Immunology</i> , 1997, 158, 560-5.	0.4	71
180	Lymphocyte function-associated antigen 1 dominates very late antigen 4 in binding of activated T cells to endothelium.. <i>Journal of Experimental Medicine</i> , 1993, 177, 185-190.	4.2	70

#	ARTICLE	IF	CITATIONS
181	Anti-“LFA-1 Blocking Antibodies Prevent Mobilization of Hematopoietic Progenitor Cells Induced by Interleukin-8. <i>Blood</i> , 1998, 91, 4099-4105.	0.6	70
182	Cancer-germline gene expression in pediatric solid tumors using quantitative real-time PCR. <i>International Journal of Cancer</i> , 2007, 120, 67-74.	2.3	70
183	Multimodal Imaging of Nanovaccine Carriers Targeted to Human Dendritic Cells. <i>Molecular Pharmaceutics</i> , 2011, 8, 520-531.	2.3	70
184	Biology of IL-8-Induced Stem Cell Mobilization. <i>Annals of the New York Academy of Sciences</i> , 1999, 872, 71-82.	1.8	69
185	The role of tetraspanins in the pathogenesis of infectious diseases. <i>Microbes and Infection</i> , 2010, 12, 106-112.	1.0	68
186	Wild-type and modified gp100 peptide-pulsed dendritic cell vaccination of advanced melanoma patients can lead to long-term clinical responses independent of the peptide used. <i>Cancer Immunology, Immunotherapy</i> , 2011, 60, 249-260.	2.0	68
187	Co-delivery of PLGA encapsulated invariant NKT cell agonist with antigenic protein induce strong T cell-mediated antitumor immune responses. <i>Oncolmmunology</i> , 2016, 5, e1068493.	2.1	68
188	Isolation of large numbers of highly purified lymphocytes and monocytes with a modified centrifugal elutriation technique. <i>Journal of Immunological Methods</i> , 1981, 40, 275-288.	0.6	67
189	Molecular analysis of the hematopoiesis supporting osteoblastic cell line U2-OS. <i>Experimental Hematology</i> , 2000, 28, 422-432.	0.2	67
190	Opportunities for immunotherapy in microsatellite instable colorectal cancer. <i>Cancer Immunology, Immunotherapy</i> , 2016, 65, 1249-1259.	2.0	67
191	Favorable overall survival in stage III melanoma patients after adjuvant dendritic cell vaccination. <i>Oncolmmunology</i> , 2016, 5, e1057673.	2.1	67
192	Quantitative analysis of chemokine expression by dendritic cell subsets in vitro and in vivo. <i>Journal of Leukocyte Biology</i> , 2001, 69, 785-93.	1.5	67
193	Immunogenicity of dendritic cells pulsed with CEA peptide or transfected with CEA mRNA for vaccination of colorectal cancer patients. <i>Anticancer Research</i> , 2010, 30, 5091-7.	0.5	67
194	The Dendritic Cell-Specific CC-Chemokine DC-CK1 Is Expressed by Germinal Center Dendritic Cells and Attracts CD38-Negative Mantle Zone B Lymphocytes. <i>Journal of Immunology</i> , 2001, 166, 3284-3289.	0.4	66
195	Early identification of antigen-specific immune responses in vivo by [¹⁸ F]-labeled 3- ² -fluoro-3- ² -deoxy-thymidine ([¹⁸ F]FLT) PET imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18396-18399.	3.3	65
196	Heme-induced cell adhesion in the pathogenesis of sickle-cell disease and inflammation. <i>Trends in Pharmacological Sciences</i> , 2001, 22, 52-54.	4.0	64
197	DEC-205 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
198	Design of a Highly Selective Quenched Activity-Based Probe and Its Application in Dual Color Imaging Studies of Cathepsin S Activity Localization. <i>Journal of the American Chemical Society</i> , 2015, 137, 4771-4777.	6.6	63

#	ARTICLE	IF	CITATIONS
199	Clinical Implications of Co-Inhibitory Molecule Expression in the Tumor Microenvironment for DC Vaccination: A Game of Stop and Go. <i>Frontiers in Immunology</i> , 2013, 4, 417.	2.2	62
200	Tumoricidal activity of human dendritic cells. <i>Trends in Immunology</i> , 2014, 35, 38-46.	2.9	62
201	Antibodies that activate $\alpha 2$ integrins can generate different ligand binding states. <i>European Journal of Immunology</i> , 1995, 25, 637-643.	1.6	61
202	A novel ^{19}F agent for detection and quantification of human dendritic cells using magnetic resonance imaging. <i>International Journal of Cancer</i> , 2011, 129, 365-373.	2.3	61
203	ALCAM/CD166 adhesive function is regulated by the tetraspanin CD9. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 475-493.	2.4	61
204	Osmotic response of lymphocytes measured by means of forward light scattering: Theoretical considerations. <i>Cytometry</i> , 1988, 9, 636-641.	1.8	60
205	The C-type lectin DC-SIGN internalizes soluble antigens and HIV-1 virions <i>via</i> a clathrin-dependent mechanism. <i>European Journal of Immunology</i> , 2009, 39, 1923-1928.	1.6	60
206	A pilot study on the immunogenicity of dendritic cell vaccination during adjuvant oxaliplatin/capecitabine chemotherapy in colon cancer patients. <i>British Journal of Cancer</i> , 2010, 103, 1415-1421.	2.9	60
207	Injectable Biomimetic Hydrogels as Tools for Efficient T Cell Expansion and Delivery. <i>Frontiers in Immunology</i> , 2018, 9, 2798.	2.2	60
208	Human and murine model cell lines for dendritic cell biology evaluated. <i>Immunology Letters</i> , 2008, 117, 191-197.	1.1	59
209	Maximizing dendritic cell migration in cancer immunotherapy. <i>Expert Opinion on Biological Therapy</i> , 2008, 8, 865-874.	1.4	59
210	Targeting of ^{111}In -Labeled Dendritic Cell Human Vaccines Improved by Reducing Number of Cells. <i>Clinical Cancer Research</i> , 2013, 19, 1525-1533.	3.2	58
211	A membrane-anchored aptamer sensor for probing $IFN\gamma$ secretion by single cells. <i>Chemical Communications</i> , 2017, 53, 8066-8069.	2.2	58
212	Three dimensional single-particle tracking with nanometer resolution. <i>Review of Scientific Instruments</i> , 1998, 69, 2762-2766.	0.6	57
213	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
214	H-Ras signals to cytoskeletal machinery in induction of integrin-mediated adhesion of T cells. <i>Journal of Immunology</i> , 1999, 163, 6209-16.	0.4	57
215	In situ Expression of Tumor Antigens by Messenger RNA-“Electroporated Dendritic Cells in Lymph Nodes of Melanoma Patients. <i>Cancer Research</i> , 2009, 69, 2927-2934.	0.4	56
216	The stem cell markers Oct4A, Nanog and c-Myc are expressed in ascites cells and tumor tissue of ovarian cancer patients. <i>Cellular Oncology (Dordrecht)</i> , 2013, 36, 363-374.	2.1	56

#	ARTICLE	IF	CITATIONS
217	Towards a molecular understanding of dendritic cell immunobiology. Trends in Immunology, 2000, 21, 542-545.	7.5	55
218	<i>In vivo</i> Colocalization of Antigen and CpG within Dendritic Cells Is Associated with the Efficacy of Cancer Immunotherapy. Cancer Research, 2008, 68, 5390-5396.	0.4	55
219	Intranodal vaccination with mRNA-optimized dendritic cells in metastatic melanoma patients. OncoImmunology, 2015, 4, e1019197.	2.1	55
220	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
221	Immunization with Interleukin-2 Transfected Melanoma Cells. A Phase II Study in Patients with Metastatic Melanoma. University Hospital Leiden. Human Gene Therapy, 1993, 4, 323-330.	1.4	53
222	Human dendritic cells are less potent at killing Candida albicans than both monocytes and macrophages. Microbes and Infection, 2004, 6, 985-989.	1.0	53
223	Necrosis: C-Type Lectins Sense Cell Death. Current Biology, 2009, 19, R375-R378.	1.8	53
224	Harnessing human plasmacytoid dendritic cells as professional APCs. Cancer Immunology, Immunotherapy, 2012, 61, 1279-1288.	2.0	53
225	Long Overall Survival After Dendritic Cell Vaccination in Metastatic Uveal Melanoma Patients. American Journal of Ophthalmology, 2014, 158, 939-947.e5.	1.7	53
226	Dynamic cell adhesion and migration on nanoscale grooved substrates. , 2012, 23, 182-194.		53
227	The role of metalloproteinases and adhesion molecules in interleukin-8-induced stem-cell mobilization. Seminars in Hematology, 2000, 37, 19-24.	1.8	52
228	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
229	Genetic vaccination against the melanocyte lineage-specific antigen gp100 induces cytotoxic T lymphocyte-mediated tumor protection. Cancer Research, 1998, 58, 2509-14.	0.4	52
230	Theory and practice of centrifugal elutriation (CE). Cell Biophysics, 1983, 5, 105-118.	0.4	51
231	TCR ^{hi} cytotoxic T lymphocytes expressing the killer cell-inhibitory receptor p58.2 (CD158b) selectively lyse acute myeloid leukemia cells. Bone Marrow Transplantation, 2001, 27, 1087-1093.	1.3	51
232	Internalizing Antibodies to the C-Type Lectins, L-SIGN and DC-SIGN, Inhibit Viral Glycoprotein Binding and Deliver Antigen to Human Dendritic Cells for the Induction of T Cell Responses. Journal of Immunology, 2006, 176, 426-440.	0.4	51
233	The tumour microenvironment shapes dendritic cell plasticity in a human organotypic melanoma culture. Nature Communications, 2020, 11, 2749.	5.8	51
234	Intracellular carotenoid levels measured by Raman microspectroscopy: Comparison of lymphocytes from lung cancer patients and healthy individuals. International Journal of Cancer, 1997, 74, 20-25.	2.3	50

#	ARTICLE	IF	CITATIONS
235	Co-stimulation of T cells results in distinct IL-10 and TNF- $\hat{\pm}$ cytokine profiles dependent on binding to ICAM-1, ICAM-2 or ICAM-3. <i>European Journal of Immunology</i> , 1999, 29, 2248-2258.	1.6	50
236	Skin-Test Infiltrating Lymphocytes Early Predict Clinical Outcome of Dendritic Cell-Based Vaccination in Metastatic Melanoma. <i>Cancer Research</i> , 2012, 72, 6102-6110.	0.4	50
237	Prophylactic vaccines are potent activators of monocyte-derived dendritic cells and drive effective anti-tumor responses in melanoma patients at the cost of toxicity. <i>Cancer Immunology, Immunotherapy</i> , 2016, 65, 327-339.	2.0	50
238	KIM127, an Antibody that Promotes Adhesion, Maps to a Region of CD18 that Includes Cysteine-Rich Repeats. <i>Cell Adhesion and Communication</i> , 1995, 3, 375-384.	1.7	49
239	Cytoplasmic tails of beta 1, beta 2, and beta 7 integrins differentially regulate LFA-1 function in K562 cells. <i>Molecular Biology of the Cell</i> , 1997, 8, 719-728.	0.9	49
240	Renal cell carcinoma-associated antigen G250 encodes a naturally processed epitope presented by human leukocyte antigen-dr molecules to CD4+ T lymphocytes. <i>International Journal of Cancer</i> , 2002, 100, 441-444.	2.3	49
241	Monocyte Cell Surface Glycosaminoglycans Positively Modulate IL-4-Induced Differentiation toward Dendritic Cells. <i>Journal of Immunology</i> , 2008, 180, 3680-3688.	0.4	49
242	Toll-like receptor triggering in cord blood mesenchymal stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 3415-3426.	1.6	49
243	Phenotypic and functional changes in peripheral blood monocytes during progression of human immunodeficiency virus infection. Effects of soluble immune complexes, cytokines, subcellular particulates from apoptotic cells, and HIV-1-encoded proteins on monocytes phagocytic function, oxidative burst, transendothelial migration, and cell surface phenotype. <i>Journal of Clinical Investigation</i> , 1995, 95, 1690-1701.	3.9	49
244	Controlling T-Cell Activation with Synthetic Dendritic Cells Using the Multivalency Effect. <i>ACS Omega</i> , 2017, 2, 937-945.	1.6	48
245	Multicore Liquid Perfluorocarbon-Loaded Multimodal Nanoparticles for Stable Ultrasound and ¹⁹ F MRI Applied to In Vivo Cell Tracking. <i>Advanced Functional Materials</i> , 2019, 29, 1806485.	7.8	47
246	Tetraspanin CD37 protects against the development of B cell lymphoma. <i>Journal of Clinical Investigation</i> , 2016, 126, 653-666.	3.9	47
247	Effects of interleukin 4 on monocyte functions: comparison to interleukin 13. <i>Research in Immunology</i> , 1993, 144, 629-633.	0.9	46
248	Cytoskeletal restraints regulate homotypic ALCAM-mediated adhesion through PKC $\hat{\pm}$ independently of Rho-like GTPases. <i>Journal of Cell Science</i> , 2004, 117, 2841-2852.	1.2	46
249	Mesenchymal stem cells respond to TNF but do not produce TNF. <i>Journal of Leukocyte Biology</i> , 2009, 87, 283-289.	1.5	46
250	Cytokine analysis as a tool to understand tumour-host interaction in ovarian cancer. <i>European Journal of Cancer</i> , 2011, 47, 1883-1889.	1.3	46
251	Dendritic cells: tools and targets for antitumor vaccination. <i>Expert Review of Vaccines</i> , 2005, 4, 699-710.	2.0	45
252	Dominant Processes during Human Dendritic Cell Maturation Revealed by Integration of Proteome and Transcriptome at the Pathway Level. <i>Journal of Proteome Research</i> , 2010, 9, 1727-1737.	1.8	45

#	ARTICLE	IF	CITATIONS
253	Manufacturing substrate nano-grooves for studying cell alignment and adhesion. <i>Microelectronic Engineering</i> , 2008, 85, 1362-1366.	1.1	44
254	Adjuvant Dendritic Cell Vaccination in High-Risk Uveal Melanoma. <i>Ophthalmology</i> , 2016, 123, 2265-2267.	2.5	44
255	Controlled release of antigen and Toll-like receptor ligands from PLGA nanoparticles enhances immunogenicity. <i>Nanomedicine</i> , 2017, 12, 491-510.	1.7	44
256	Role of Intracellular Ca ²⁺ Levels in the Regulation of CD11a/CD18 Mediated Cell Adhesion. <i>Cell Adhesion and Communication</i> , 1993, 1, 21-32.	1.7	43
257	A Physical Approach to Reduce Nonspecific Adhesion in Molecular Recognition Atomic Force Microscopy. <i>Biophysical Journal</i> , 1999, 76, 716-724.	0.2	43
258	Expression of the dendritic cell-associated C-type lectin DC-SIGN by inflammatory matrix metalloproteinase-producing macrophages in rheumatoid arthritis synovium and interaction with intercellular adhesion molecule 3-positive T cells. <i>Arthritis and Rheumatism</i> , 2003, 48, 360-369.	6.7	43
259	Analysis of dendritic cell trafficking using EGFP-transgenic mice. <i>Immunology Letters</i> , 2003, 89, 17-24.	1.1	43
260	Increased FcγRII expression and aberrant tumour necrosis factor α production by mature dendritic cells from patients with active rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2004, 63, 1556-1563.	0.5	43
261	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
262	DC-SIGN, a Dendritic Cell-Specific HIV-1 Receptor Present in Placenta That Infects T Cells In Trans: A Review. <i>Placenta</i> , 2001, 22, S19-S23.	0.7	42
263	Enhancement of G-CSF-induced stem cell mobilization by antibodies against the β2 integrins LFA-1 and Mac-1. <i>Blood</i> , 2002, 100, 327-333.	0.6	42
264	Tracking Targeted Bimodal Nanovaccines: Immune Responses and Routing in Cells, Tissue, and Whole Organism. <i>Molecular Pharmaceutics</i> , 2014, 11, 4299-4313.	2.3	42
265	Autologous monocyte-derived DC vaccination combined with cisplatin in stage III and IV melanoma patients: a prospective, randomized phase 2 trial. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 477-488.	2.0	42
266	Critical amino acids in the lymphocyte function-associated antigen-1 I domain mediate intercellular adhesion molecule 3 binding and immune function. <i>Journal of Experimental Medicine</i> , 1996, 183, 1247-1252.	4.2	41
267	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
268	The right touch: design of artificial antigen-presenting cells to stimulate the immune system. <i>Chemical Science</i> , 2014, 5, 3355.	3.7	41
269	IFN-alpha and IFN-gamma have different regulatory effects on IL-4-induced membrane expression of Fc epsilon RIb and release of soluble Fc epsilon RIb by human monocytes. <i>Journal of Immunology</i> , 1990, 144, 3052-9.	0.4	41
270	No Advantage of Cell-Penetrating Peptides over Receptor-Specific Antibodies in Targeting Antigen to Human Dendritic Cells for Cross-Presentation. <i>Journal of Immunology</i> , 2008, 180, 7687-7696.	0.4	40

#	ARTICLE	IF	CITATIONS
271	Activation and expansion of tumour-infiltrating lymphocytes by anti-CD3 and anti-CD28 monoclonal antibodies. <i>Cancer Immunology, Immunotherapy</i> , 1990, 32, 245-250.	2.0	39
272	Transcription of the gene encoding melanoma-associated antigen gp100 in tissues and cell lines other than those of the melanocytic lineage. <i>British Journal of Cancer</i> , 1997, 76, 1562-1566.	2.9	39
273	<i>In Vivo</i> Recruitment of Hematopoietic Cells Using Stromal Cell-Derived Factor 1 Alpha-Loaded Heparinized Three-Dimensional Collagen Scaffolds. <i>Tissue Engineering - Part A</i> , 2009, 15, 1591-1599.	1.6	39
274	Antigen Localization Controls T Cell-Mediated Tumor Immunity. <i>Journal of Immunology</i> , 2011, 187, 1281-1288.	0.4	39
275	Dynamic coupling of ALCAM to the actin cortex strengthens cell adhesion to CD6. <i>Journal of Cell Science</i> , 2014, 127, 1595-606.	1.2	39
276	Dendritic Cells in Immune Response Induction. <i>Stem Cells</i> , 1996, 14, 501-507.	1.4	38
277	Distinct kinetic and mechanical properties govern ALCAM-mediated interactions as shown by single-molecule force spectroscopy. <i>Journal of Cell Science</i> , 2007, 120, 3965-3976.	1.2	38
278	Endolysosomal Escape Nanovaccines through Adjuvant-Induced Tumor Antigen Assembly for Enhanced Effector CD8 ⁺ T Cell Activation. <i>Small</i> , 2018, 14, e1703539.	5.2	38
279	Characterization of a novel myeloid antigen regulated during differentiation of monocytic cells. <i>European Journal of Immunology</i> , 1989, 19, 1373-1378.	1.6	37
280	Modulation of Integrin Expression on Rat Bone Marrow Cells by Substrates with Different Surface Characteristics. <i>Tissue Engineering</i> , 2002, 8, 615-626.	4.9	37
281	Nanovaccine administration route is critical to obtain pertinent iNKT cell help for robust anti-tumor T and B cell responses. <i>Oncolmmunology</i> , 2020, 9, 1738813.	2.1	37
282	Infection of dendritic cells with herpes simplex virus type 1 induces rapid degradation of CYTIP, thereby modulating adhesion and migration. <i>Blood</i> , 2011, 118, 107-115.	0.6	36
283	Current Vaccination Strategies for Prostate Cancer. <i>European Urology</i> , 2012, 61, 290-306.	0.9	35
284	Semaphorin 7A Promotes Chemokine-Driven Dendritic Cell Migration. <i>Journal of Immunology</i> , 2016, 196, 459-468.	0.4	35
285	Syntenin-1 and Ezrin Proteins Link Activated Leukocyte Cell Adhesion Molecule to the Actin Cytoskeleton. <i>Journal of Biological Chemistry</i> , 2014, 289, 13445-13460.	1.6	34
286	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
287	Competition between lymphocyte function-associated antigen 1 (CD11a/CD18) and Mac-1 (CD11b/CD18) for binding to intercellular adhesion molecule-1 (CD54). <i>Journal of Leukocyte Biology</i> , 1996, 59, 648-655.	1.5	33
288	Antibodies That Selectively Inhibit Leukocyte Function-associated Antigen 1 Binding to Intercellular Adhesion Molecule-3 Recognize a Unique Epitope within the CD11a I Domain. <i>Journal of Biological Chemistry</i> , 1996, 271, 9962-9968.	1.6	33

#	ARTICLE	IF	CITATIONS
289	3D single-particle tracking and optical trap measurements on adhesion proteins. , 1999, 36, 189-194.		33
290	The dendritic cell-derived protein DC-STAMP is highly conserved and localizes to the endoplasmic reticulum. Journal of Leukocyte Biology, 2005, 77, 337-343.	1.5	33
291	TLR4-Mediated Podosome Loss Discriminates Gram-Negative from Gram-Positive Bacteria in Their Capacity to Induce Dendritic Cell Migration and Maturation. Journal of Immunology, 2010, 184, 1280-1291.	0.4	33
292	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
293	Role of LFA-1/ICAM-1 in interleukin-2-stimulated lymphocyte proliferation. European Journal of Immunology, 1993, 23, 3292-3299.	1.6	32
294	Murine Hematopoietic Progenitor Cells With Colony-Forming or Radioprotective Capacity Lack Expression of the β 2-Integrin LFA-1. Blood, 1999, 93, 107-112.	0.6	32
295	In Vivo Targeting of DC-SIGN-positive Antigen-presenting Cells in a Nonhuman Primate Model. Journal of Immunotherapy, 2007, 30, 705-714.	1.2	31
296	Isolation of functionally different human monocytes by counterflow centrifugation elutriation. Blood, 1982, 60, 46-53.	0.6	31
297	High frequency of adhesion defects in B-lineage acute lymphoblastic leukemia. Blood, 1999, 94, 754-64.	0.6	31
298	Scattering matrix elements of biological particles measured in a flow through system: theory and practice. Applied Optics, 1989, 28, 1752.	2.1	30
299	Regulation of aminopeptidase-N (CD13) and Fc epsilon RIIb (CD23) expression by IL-4 depends on the stage of maturation of monocytes/macrophages. Journal of Immunology, 1992, 149, 1395-401.	0.4	30
300	Elastic light scattering from nucleated blood cells: rapid numerical analysis. Applied Optics, 1986, 25, 3559.	2.1	29
301	Vaccine-specific local T cell reactivity in immunotherapy-associated vitiligo in melanoma patients. Cancer Immunology, Immunotherapy, 2009, 58, 145-151.	2.0	29
302	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
303	Attacking Tumors From All Sides: Personalized Multiplex Vaccines to Tackle Intratumor Heterogeneity. Frontiers in Immunology, 2019, 10, 824.	2.2	29
304	Phenotypical and Functional Characterization of Clinical-Grade Dendritic Cells. , 2005, 109, 113-126.		28
305	Dendritic Cell-Based Vaccines: From Mouse Models to Clinical Cancer Immunotherapy. Critical Reviews in Oncogenesis, 2000, 11, 17.	0.2	28
306	Molecular Friction as a Tool to Identify Functionalized Alkanethiols. Langmuir, 2010, 26, 6357-6366.	1.6	27

#	ARTICLE	IF	CITATIONS
307	Unraveling the human dendritic cell phagosome proteome by organellar enrichment ranking. <i>Journal of Proteomics</i> , 2012, 75, 1547-1562.	1.2	27
308	Naturally circulating dendritic cells to vaccinate cancer patients. <i>Oncolmunology</i> , 2013, 2, e23431.	2.1	27
309	Engineering monocyte-derived dendritic cells to secrete interferon- γ enhances their ability to promote adaptive and innate anti-tumor immune effector functions. <i>Cancer Immunology, Immunotherapy</i> , 2015, 64, 831-842.	2.0	27
310	Cancer vaccine triggers antiviral-type defences. <i>Nature</i> , 2016, 534, 329-331.	13.7	27
311	Role of LFA-1 and VLA-4 in the adhesion of cloned normal and LFA-1 (CD11/CD18)-deficient T cells to cultured endothelial cells. Indication for a new adhesion pathway. <i>Journal of Immunology</i> , 1992, 148, 1093-101.	0.4	27
312	“Sweet Talk” Closing in on C Type Lectin Signaling. <i>Immunity</i> , 2005, 22, 399-400.	6.6	26
313	Immune-related Adverse Events of Dendritic Cell Vaccination Correlate With Immunologic and Clinical Outcome in Stage III and IV Melanoma Patients. <i>Journal of Immunotherapy</i> , 2016, 39, 241-248.	1.2	26
314	Microfluidics-Assisted Size Tuning and Biological Evaluation of PLGA Particles. <i>Pharmaceutics</i> , 2019, 11, 590.	2.0	26
315	The Replacement of Monocytes and Interleukin-1 by Phorbol Ester in Lectin-Induced Proliferation of Human Thymocytes and T Cells. <i>Immunobiology</i> , 1982, 162, 103-115.	0.8	25
316	A centrifugal elutriation system of separating small numbers of cells. <i>Journal of Immunological Methods</i> , 1984, 68, 73-87.	0.6	25
317	pMel17 is recognised by monoclonal antibodies NKI-beteb, HMB-45 and HMB-50 and by anti-melanoma CTL. <i>British Journal of Cancer</i> , 1996, 73, 1044-1048.	2.9	25
318	Polyinosinic polycytidylic acid prevents efficient antigen expression after mRNA electroporation of clinical grade dendritic cells. <i>Cancer Immunology, Immunotherapy</i> , 2009, 58, 1109-1115.	2.0	25
319	Antibodies and carbohydrate ligands binding to DC-SIGN differentially modulate receptor trafficking. <i>European Journal of Immunology</i> , 2012, 42, 1989-1998.	1.6	25
320	Actin-binding proteins differentially regulate endothelial cell stiffness, ICAM-1 function and neutrophil transmigration. <i>Journal of Cell Science</i> , 2014, 127, 4985-4985.	1.2	25
321	Cytokine-Functionalized Synthetic Dendritic Cells for T Cell Targeted Immunotherapies. <i>Advanced Therapeutics</i> , 2018, 1, 1800021.	1.6	25
322	A Single Amino Acid in the Cytoplasmic Domain of the β 2 Integrin Lymphocyte Function-associated Antigen-1 Regulates Avidity-dependent Inside-out Signaling. <i>Journal of Biological Chemistry</i> , 2001, 276, 10338-10346.	1.6	24
323	An automated multi well cell track system to study leukocyte migration. <i>Journal of Immunological Methods</i> , 2003, 280, 89-102.	0.6	24
324	Relevance of DC-SIGN in DC-induced T cell proliferation. <i>Journal of Leukocyte Biology</i> , 2007, 81, 729-740.	1.5	24

#	ARTICLE	IF	CITATIONS
325	In situ detection of antigen-specific T cells in cryo-sections using MHC class I tetramers after dendritic cell vaccination of melanoma patients. <i>Cancer Immunology, Immunotherapy</i> , 2007, 56, 1667-1676.	2.0	24
326	Selective cancer-germline gene expression in pediatric brain tumors. <i>Journal of Neuro-Oncology</i> , 2008, 88, 273-280.	1.4	24
327	Activation of Human Plasmacytoid Dendritic Cells by TLR9 Impairs Fc γ RII-Mediated Uptake of Immune Complexes and Presentation by MHC Class II. <i>Journal of Immunology</i> , 2008, 181, 5219-5224.	0.4	24
328	Prophylactic vaccines mimic synthetic CpG oligonucleotides in their ability to modulate immune responses. <i>Molecular Immunology</i> , 2011, 48, 810-817.	1.0	24
329	Presence and localization of T-cell subsets in relation to melanocyte differentiation antigen expression and tumour regression as assessed by immunohistochemistry and molecular analysis of microdissected T cells. <i>Journal of Pathology</i> , 2004, 202, 70-79.	2.1	23
330	Cord blood mesenchymal stem cells propel human dendritic cells to an intermediate maturation state and boost interleukin-12 production by mature dendritic cells. <i>Immunology</i> , 2009, 128, 564-572.	2.0	23
331	DC-ATLAS: a systems biology resource to dissect receptor specific signal transduction in dendritic cells. <i>Immune Research</i> , 2010, 6, 10.	0.1	23
332	The Tetraspanin CD37 Protects Against Glomerular IgA Deposition and Renal Pathology. <i>American Journal of Pathology</i> , 2010, 176, 2188-2197.	1.9	23
333	Multispectral imaging reveals the tissue distribution of tetraspanins in human lymphoid organs. <i>Histochemistry and Cell Biology</i> , 2015, 144, 133-146.	0.8	23
334	Intracellular Galectin-9 Controls Dendritic Cell Function by Maintaining Plasma Membrane Rigidity. <i>IScience</i> , 2019, 22, 240-255.	1.9	23
335	C-Type Lectins on Dendritic Cells and Their Interaction with Pathogen-Derived and Endogenous Glycoconjugates. <i>Current Protein and Peptide Science</i> , 2006, 7, 283-294.	0.7	22
336	Regulation of CXCL16 expression and secretion by myeloid cells is not altered in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2009, 68, 1036-1043.	0.5	22
337	Fungal pattern-recognition receptors and tetraspanins: partners on antigen-presenting cells. <i>Trends in Immunology</i> , 2010, 31, 91-96.	2.9	22
338	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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25816-25827.	3.3	22
339	Regulation of LFA-1-mediated T cell adhesion by CD4. <i>European Journal of Immunology</i> , 1991, 21, 887-894.	1.6	21
340	Monocyte mediated cytotoxic activity against melanoma. <i>Melanoma Research</i> , 1992, 1, 303-310.	0.6	21
341	Carotenoid levels in human lymphocytes, measured by Raman microspectroscopy. <i>Pure and Applied Chemistry</i> , 1997, 69, 2131-2134.	0.9	21
342	Different growth behaviour of human umbilical vein endothelial cells and an endothelial cell line seeded on various polymer surfaces. <i>Biomaterials</i> , 1998, 19, 2285-2290.	5.7	21

#	ARTICLE	IF	CITATIONS
343	Near-Field Fluorescence Microscopy: An Optical Nanotool to Study Protein Organization at the Cell Membrane. <i>Nanobiotechnology</i> , 2005, 1, 113-120.	1.2	21
344	In vivo imaging of therapy-induced anti-cancer immune responses in humans. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 2237-2257.	2.4	21
345	Ipilimumab administered to metastatic melanoma patients who progressed after dendritic cell vaccination. <i>Oncolmunology</i> , 2016, 5, e1201625.	2.1	21
346	Förster Resonance Energy Transfer-Based Stability Assessment of PLGA Nanoparticles in Vitro and in Vivo. <i>ACS Applied Bio Materials</i> , 2019, 2, 1131-1140.	2.3	21
347	PLGA Nanoparticles Co-encapsulating NY-ESO-1 Peptides and IMM60 Induce Robust CD8 and CD4 T Cell and B Cell Responses. <i>Frontiers in Immunology</i> , 2021, 12, 641703.	2.2	21
348	Collective invasion induced by an autocrine purinergic loop through connexin-43 hemichannels. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	21
349	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. <i>BMJ Open</i> , 2021, 11, e050725.	0.8	21
350	Expression of leukocyte adhesion molecules by endothelial cells seeded on various polymer surfaces. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 56, 376-381.	3.0	20
351	A large-scale ¹⁹ F MRI-based cell migration assay to optimize cell therapy. <i>NMR in Biomedicine</i> , 2012, 25, 1095-1103.	1.6	20
352	Reducing cell number improves the homing of dendritic cells to lymph nodes upon intradermal vaccination. <i>Oncolmunology</i> , 2013, 2, e24661.	2.1	20
353	Harnessing RNA sequencing for global, unbiased evaluation of two new adjuvants for dendritic-cell immunotherapy. <i>Oncotarget</i> , 2017, 8, 19879-19893.	0.8	20
354	Phorbol ester-induced promyelocytic leukemia cell adhesion to marrow stromal cells involves fibronectin specific $\alpha 5 \beta 1$ integrin receptors. <i>Journal of Cellular Physiology</i> , 1992, 153, 95-102.	2.0	19
355	Cloning, expression and tissue distribution of the murine homologue of the melanocyte lineage-specific antigen gp100. <i>Melanoma Research</i> , 1997, 7, 463-470.	0.6	19
356	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
357	In Vivo Tracking Techniques for Cellular Regeneration, Replacement, and Redirection. <i>Journal of Nuclear Medicine</i> , 2012, 53, 1825-1828.	2.8	19
358	Cell tracking using multimodal imaging. <i>Contrast Media and Molecular Imaging</i> , 2013, 8, 432-438.	0.4	19
359	N-glycan mediated adhesion strengthening during pathogen-receptor binding revealed by cell-cell force spectroscopy. <i>Scientific Reports</i> , 2017, 7, 6713.	1.6	19
360	Dual Site-Specific Chemoenzymatic Antibody Fragment Conjugation Using CRISPR-Based Hybridoma Engineering. <i>Bioconjugate Chemistry</i> , 2021, 32, 301-310.	1.8	19

#	ARTICLE	IF	CITATIONS
361	Both LFA-1-positive and -deficient T cell clones require the CD2/LFA-3 interaction for specific cytolytic activation. <i>European Journal of Immunology</i> , 1992, 22, 1467-1475.	1.6	18
362	Current issues in delivering DCs for immunotherapy. <i>Cytotherapy</i> , 2004, 6, 105-110.	0.3	18
363	In vivo <sup>19</sup>F MRI for Cell Tracking. <i>Journal of Visualized Experiments</i> , 2013, , e50802.	0.2	18
364	Automated Podosome Identification and Characterization in Fluorescence Microscopy Images. <i>Microscopy and Microanalysis</i> , 2013, 19, 180-189.	0.2	18
365	Type I IFN–mediated synergistic activation of mouse and human DC subsets by TLR agonists. <i>European Journal of Immunology</i> , 2015, 45, 2798-2809.	1.6	17
366	Adjuvant dendritic cell vaccination induces tumor-specific immune responses in the majority of stage III melanoma patients. <i>Oncolmmunology</i> , 2016, 5, e1191732.	2.1	17
367	Occurrence and a possible mechanism of penetration of natural killer cells into k562 target cells during the cytotoxic interaction. <i>Cytometry</i> , 1995, 20, 273-280.	1.8	16
368	Signalling and adhesive properties of the integrin leucocyte function-associated antigen I (LFA-I). <i>Biochemical Society Transactions</i> , 1997, 25, 515-520.	1.6	16
369	Novel monoclonal antibodies detect elevated levels of the chemokine CCL18/DC-CK1 in serum and body fluids in pathological conditions. <i>Journal of Leukocyte Biology</i> , 2005, 77, 739-747.	1.5	16
370	Hematopoietic Stem Cells Are Coordinated by the Molecular Cues of the Endosteal Niche. <i>Stem Cells and Development</i> , 2010, 19, 1131-1141.	1.1	16
371	Cord Blood Mesenchymal Stem Cells Suppress DC-T Cell Proliferation via Prostaglandin B2. <i>Stem Cells and Development</i> , 2014, 23, 1582-1593.	1.1	16
372	Triterpene Composition of <i>Hoya australis</i> Cuticular Wax in Relation to Leaf Age. <i>Zeitschrift F&#x00fcr Pflanzenphysiologie</i> , 1978, 87, 243-253.	1.4	15
373	Enhancement of the antibody-dependent cellular cytotoxicity of human peripheral blood lymphocytes with interleukin-2 and interferon –. <i>Cancer Immunology, Immunotherapy</i> , 1993, 36, 163-170.	2.0	15
374	Genomic organization, chromosomal localization, and 5– upstream region of the human DC-STAMP gene. <i>Immunogenetics</i> , 2001, 53, 145-149.	1.2	15
375	The lymphoid chemokine CCL21 triggers LFA–1 adhesive properties on human dendritic cells. <i>Immunology and Cell Biology</i> , 2011, 89, 458-465.	1.0	15
376	AFM force spectroscopy reveals how subtle structural differences affect the interaction strength between <i>Candida albicans</i> and DC-SIGN. <i>Journal of Molecular Recognition</i> , 2015, 28, 687-698.	1.1	15
377	Biomaterial-Based Activation and Expansion of Tumor-Specific T Cells. <i>Frontiers in Immunology</i> , 2019, 10, 931.	2.2	15
378	Survival of metastatic melanoma patients after dendritic cell vaccination correlates with expression of leukocyte phosphatidylethanolamine-binding protein 1/Raf kinase inhibitory protein. <i>Oncotarget</i> , 2017, 8, 67439-67456.	0.8	15

#	ARTICLE	IF	CITATIONS
379	3D single-particle tracking and optical trap measurements on adhesion proteins. <i>Cytometry</i> , 1999, 36, 189-194.	1.8	15
380	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
381	Development of ¹¹¹ In-labeled tumor-associated antigen peptides for monitoring dendritic-cell-based vaccination. <i>Nuclear Medicine and Biology</i> , 2006, 33, 453-458.	0.3	14
382	Cytokine Profiles in Cyst Fluids From Ovarian Tumors Reflect Immunosuppressive State of the Tumor. <i>International Journal of Gynecological Cancer</i> , 2011, 21, 1241-1247.	1.2	14
383	Targeting dendritic cells with antigen via dendritic cell-associated promoters. <i>Cancer Gene Therapy</i> , 2012, 19, 303-311.	2.2	14
384	Multispectral imaging for highly accurate analysis of tumour-infiltrating lymphocytes in primary melanoma. <i>Histopathology</i> , 2017, 70, 643-649.	1.6	14
385	Design of triphasic poly(lactic-co-glycolic acid) nanoparticles containing a perfluorocarbon phase for biomedical applications. <i>RSC Advances</i> , 2018, 8, 6460-6470.	1.7	14
386	Semiflexible Immunobrushes Induce Enhanced T Cell Activation and Expansion. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 16007-16018.	4.0	14
387	Eradicating cancer cells: struggle with a chameleon. <i>Oncotarget</i> , 2011, 2, 99-101.	0.8	14
388	Immunological responses to adjuvant vaccination with combined CD1c ⁺ myeloid and plasmacytoid dendritic cells in stage III melanoma patients. <i>Onc Immunology</i> , 2022, 11, .	2.1	14
389	Molecular characterization of dendritic cells operating at the interface of innate of acquired immunity. <i>Pathologie Et Biologie</i> , 2003, 51, 61-63.	2.2	13
390	Restoring immunosurveillance by dendritic cell vaccines and manipulation of the tumor microenvironment. <i>Immunobiology</i> , 2015, 220, 243-248.	0.8	13
391	Functional diversification of hybridoma-produced antibodies by CRISPR/HDR genomic engineering. <i>Science Advances</i> , 2019, 5, eaaw1822.	4.7	13
392	Direct inhibition of STAT signaling by platinum drugs contributes to their anti-cancer activity. <i>Oncotarget</i> , 2017, 8, 54434-54443.	0.8	13
393	Lymphocyte Maturation in the Human Thymus.. <i>Scandinavian Journal of Immunology</i> , 1983, 18, 539-549.	1.3	12
394	Possible role for cytotoxic lymphocytes in the pathogenesis of acute interstitial nephritis after recombinant interleukin-2 treatment for renal cell cancer. <i>Cancer Immunology, Immunotherapy</i> , 1993, 36, 210-213.	2.0	12
395	Interaction of acute lymphoblastic leukemia cells with C-type lectins DC-SIGN and L-SIGN. <i>Experimental Hematology</i> , 2008, 36, 860-870.	0.2	12
396	Dynamic Reorganization of Individual Adhesion Nanoclusters in Living Cells by Ligand-Patterned Surfaces. <i>Small</i> , 2009, 5, 1258-1263.	5.2	12

#	ARTICLE	IF	CITATIONS
397	A hybrid total internal reflection fluorescence and optical tweezers microscope to study cell adhesion and membrane protein dynamics of single living cells. <i>Journal of Microscopy</i> , 2009, 233, 84-92.	0.8	12
398	Biophysical Characterization of CD6 α TCR/CD3 Interplay in T Cells. <i>Frontiers in Immunology</i> , 2018, 9, 2333.	2.2	12
399	C-type lectin-like receptor 2 (CLEC-2)-dependent DC migration is controlled by tetraspanin CD37. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	12
400	The Modular Nature of Dendritic Cell Responses to Commensal and Pathogenic Fungi. <i>PLoS ONE</i> , 2012, 7, e42430.	1.1	12
401	Changes in actin organization during the cytotoxic process. <i>Cytometry</i> , 1994, 15, 320-326.	1.8	11
402	Optimization of adhesion mode atomic force microscopy resolves individual molecules in topography and adhesion. <i>Ultramicroscopy</i> , 1999, 80, 133-144.	0.8	11
403	Ceramic hydroxyapatite coating on titanium implants drives selective bone marrow stromal cell adhesion. <i>Clinical Oral Implants Research</i> , 2003, 14, 569-577.	1.9	11
404	Dual function of C-type lectin-like receptors in the immune system. <i>Current Opinion in Cell Biology</i> , 2003, 15, 539-539.	2.6	11
405	Functional OCT4-specific CD4 ⁺ and CD8 ⁺ T cells in healthy controls and ovarian cancer patients. <i>Oncolmmunology</i> , 2013, 2, e24271.	2.1	11
406	Importance of helper T-cell activation in dendritic cell-based anticancer immunotherapy. <i>Oncolmmunology</i> , 2013, 2, e24440.	2.1	11
407	Affinity-Based Purification of Polyisocyanopeptide Bioconjugates. <i>Bioconjugate Chemistry</i> , 2017, 28, 2560-2568.	1.8	11
408	Human type 1 and type 2 conventional dendritic cells express indoleamine 2,3 α -dioxygenase 1 with functional effects on T cell priming. <i>European Journal of Immunology</i> , 2021, 51, 1494-1504.	1.6	11
409	Low-affinity LFA-1/ICAM-3 interactions augment LFA-1/ICAM-1-mediated T cell adhesion and signaling by redistribution of LFA-1. <i>Journal of Cell Science</i> , 2000, 113 (Pt 3), 391-400.	1.2	11
410	In vitro anti-tumour activity of tumour necrosis serum. <i>International Journal of Immunopharmacology</i> , 1980, 2, 95-100.	1.1	10
411	Rapid isolation of mononuclear cells from buffy coats prepared by a new blood cell separator. <i>Journal of Immunological Methods</i> , 1982, 55, 221-229.	0.6	10
412	Phenotypic and functional characterization of mature dendritic cells from pediatric cancer patients. <i>Pediatric Blood and Cancer</i> , 2007, 49, 924-927.	0.8	10
413	The DC-derived protein DC-STAMP influences differentiation of myeloid cells. <i>Leukemia</i> , 2008, 22, 455-459.	3.3	10
414	Targets for active immunotherapy against pediatric solid tumors. <i>Cancer Immunology, Immunotherapy</i> , 2009, 58, 831-841.	2.0	10

#	ARTICLE	IF	CITATIONS
415	Spatially resolved local intracellular chemical sensing using magnetic particles. <i>Sensors and Actuators B: Chemical</i> , 2010, 148, 531-538.	4.0	10
416	A Method for Spatially Resolved Local Intracellular Mechanochemical Sensing and Organelle Manipulation. <i>Biophysical Journal</i> , 2012, 103, 395-404.	0.2	10
417	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
418	Synthetic Semiflexible and Bioactive Brushes. <i>Biomacromolecules</i> , 2019, 20, 2587-2597.	2.6	10
419	ICAM3-Fc Outperforms Receptor-Specific Antibodies Targeted Nanoparticles to Dendritic Cells for Cross-Presentation. <i>Molecules</i> , 2019, 24, 1825.	1.7	10
420	Regulation of Human Monocyte Functions by Interleukin-10. <i>Molecular Biology Intelligence Unit</i> , 1995, , 37-52.	0.2	10
421	Rapid densitometric determination of cell migration and cell adhesion in a microchemotaxis chamber. <i>Journal of Immunological Methods</i> , 1989, 118, 47-52.	0.6	9
422	A rapid isolation procedure for dendritic cells from mouse spleen by centrifugal elutriation. <i>Journal of Immunological Methods</i> , 1992, 155, 101-111.	0.6	9
423	Dendritic Cells: Migratory Cells that are Attractive. <i>Cell Adhesion and Communication</i> , 1998, 6, 117-123.	1.7	9
424	Enhanced Antitumor Efficacy through an α AND gate β •Reactive Oxygen β Species β Dependent pH β Responsive Nanomedicine Approach. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100304.	3.9	9
425	Insertion of atypical glycans into the tumor antigen-binding site identifies DLBCLs with distinct origin and behavior. <i>Blood</i> , 2021, 138, 1570-1582.	0.6	9
426	Lymphocyte adhesion mediated by integrins. <i>Research in Immunology</i> , 1993, 144, 709-722.	0.9	8
427	Adhesion and Signaling Mediated by the Cytoplasmic Tails of Leucocyte Integrins. <i>Cell Adhesion and Communication</i> , 1998, 6, 247-254.	1.7	8
428	Integrin mediated adhesion of mononuclear cells from patients with familial hypercholesterolemia. <i>European Journal of Clinical Investigation</i> , 1999, 29, 749-757.	1.7	8
429	AFM topography and friction studies of hydrogen-bonded bilayers of functionalized alkanethiols. <i>Soft Matter</i> , 2010, 6, 3450.	1.2	8
430	Selective Expression of the MAPK Phosphatase Dusp9/MKP-4 in Mouse Plasmacytoid Dendritic Cells and Regulation of IFN- β Production. <i>Journal of Immunology</i> , 2015, 195, 1753-1762.	0.4	8
431	High Frequency of Adhesion Defects in B-Lineage Acute Lymphoblastic Leukemia. <i>Blood</i> , 1999, 94, 754-764.	0.6	8
432	Dictating Phenotype, Function, and Fate of Human T Cells with Co β Stimulatory Antibodies Presented by Filamentous Immune Cell Mimics. <i>Advanced Therapeutics</i> , 2022, 5, .	1.6	8

#	ARTICLE	IF	CITATIONS
433	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
434	Sensitive and quantitative determination of monocyte adherence. Journal of Immunological Methods, 1986, 95, 141-147.	0.6	7
435	Computer-assisted centrifugal elutriation. I. Detection system and data acquisition equipment. Computer Methods and Programs in Biomedicine, 1987, 24, 179-188.	2.6	7
436	Induction of LFA-1-mediated homotypic adhesions in promonocytic U-937 cells occurs independently of cell differentiation. Biochimica Et Biophysica Acta - Molecular Cell Research, 1991, 1092, 165-168.	1.9	7
437	Allograft rejection in cattle with bovine leukocyte adhesion deficiency. Veterinary Immunology and Immunopathology, 1995, 48, 55-63.	0.5	7
438	Mesenchymal stromal cells: tissue engineers and immune response modulators. Archivum Immunologiae Et Therapiae Experimentalis, 2008, 56, 325-329.	1.0	7
439	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
440	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
441	Analysis of Dendritic Cells at the Genetic Level. Advances in Experimental Medicine and Biology, 1997, 417, 443-448.	0.8	7
442	Activation and Inactivation of Adhesion Molecules. Current Topics in Microbiology and Immunology, 1993, 184, 235-248.	0.7	7
443	REGULATION OF HUMAN NK ACTIVITY AGAINST ADHERENT TUMOR TARGET CELLS BY MONOCYTE SUBPOPULATIONS, INTERLEUKIN-1, AND INTERFERONS. , 1982, , 657-668.		7
444	Isolation of a New seco-nor-Triterpenol from Hoya australis Leaf Wax. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1978, 33, 337-339.	0.6	6
445	Computer-assisted centrifugal elutriation. II. Multiparametric statistical analysis. Computer Methods and Programs in Biomedicine, 1988, 27, 37-46.	2.6	6
446	A tipping point in cancer-immune dynamics leads to divergent immunotherapy responses and hampers biomarker discovery. , 2021, 9, e002032.		6
447	Constitutive Chemokine Production Results in Activation of Leukocyte Function-Associated Antigen-1 on Adult T-Cell Leukemia Cells. Blood, 1998, 91, 3909-3919.	0.6	6
448	Aiming to immune elimination of ovarian cancer stem cells. World Journal of Stem Cells, 2013, 5, 149.	1.3	6
449	Regulatory effect of interleukin-4 (IL-4) on the expression and function of lymphocyte adhesion receptors involved in IL-2-induced cell aggregation. Immunology, 1993, 78, 244-51.	2.0	6
450	Isolation of human thymocytes differing in maturation state and function by centrifugal elutriation. Thymus, 1982, 4, 243-56.	0.5	6

#	ARTICLE	IF	CITATIONS
451	Differential cytostatic activity of monocyte-derived cytokines against human melanoma cells. <i>International Journal of Cancer</i> , 1992, 50, 746-751.	2.3	5
452	The Achilles' heel of HIV. <i>Medical Hypotheses</i> , 2002, 58, 386-387.	0.8	5
453	Differentiating Stem Cells Mask Their Origins. <i>Stem Cells</i> , 2004, 22, 250-252.	1.4	5
454	Dendritic Cell Subsets Digested: RNA Sensing Makes the Difference!. <i>Immunity</i> , 2010, 32, 149-151.	6.6	5
455	Enhancing immunogenicity and cross-reactivity of HIV-1 antigens by <i>in vivo</i> targeting to dendritic cells. <i>Nanomedicine</i> , 2012, 7, 1591-1610.	1.7	5
456	Metabolic Screening of Cytotoxic T-cell Effector Function Reveals the Role of CRAC Channels in Regulating Lethal Hit Delivery. <i>Cancer Immunology Research</i> , 2021, 9, 926-938.	1.6	5
457	Intracellular carotenoid levels measured by Raman microspectroscopy: Comparison of lymphocytes from lung cancer patients and healthy individuals. <i>International Journal of Cancer</i> , 1997, 74, 20-25.	2.3	5
458	Detection of Fungi by Mannose-based Recognition Receptors. , 2007, , 293-307.		5
459	Multiscale imaging of therapeutic anti-PD-L1 antibody localization using molecularly defined imaging agents. <i>Journal of Nanobiotechnology</i> , 2022, 20, 64.	4.2	5
460	Spectral analysis of flow cytometric data: Design of a special-purpose low-pass digital filter. <i>Cytometry</i> , 1987, 8, 545-551.	1.8	4
461	Binding of the adhesion and pathogen receptor DC-SIGN by monocytes is regulated by the density of Lewis X molecules. <i>Molecular Immunology</i> , 2007, 44, 2481-2486.	1.0	4
462	High Health-Related Quality of Life During Dendritic Cell Vaccination Therapy in Patients With Castration-Resistant Prostate Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 536700.	1.3	4
463	Three distinct tolerogenic CD14+ myeloid cell types to actively manage autoimmune disease: Opportunities and challenges. <i>Journal of Autoimmunity</i> , 2021, 120, 102645.	3.0	4
464	In Vivo PET Imaging of Monocytes Labeled with [89Zr]Zr-PLGA-NH2 Nanoparticles in Tumor and Staphylococcus aureus Infection Models. <i>Cancers</i> , 2021, 13, 5069.	1.7	4
465	Robust Antigen-Specific T Cell Activation within Injectable 3D Synthetic Nanovaccine Depots. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 5622-5632.	2.6	4
466	Concentration of Hematopoietic Progenitor Cells from Human Bone Marrow by a New Type of Blood Component Separator. <i>Vox Sanguinis</i> , 1985, 49, 154-160.	0.7	3
467	Modulation of phenotypic and functional properties of human peripheral blood monocytes by interleukin-4 (IL-4). <i>Agents and Actions</i> , 1989, 26, 199-200.	0.7	3
468	Insight into the dynamics, localization and magnitude of antigen-specific immune responses by [18F]FLT PET imaging. <i>Oncotarget</i> , 2012, 1, 744-745.	2.1	3

#	ARTICLE	IF	CITATIONS
469	Early predictive value of multifunctional skin-infiltrating lymphocytes in anticancer immunotherapy. <i>Oncolmmunology</i> , 2014, 3, e27219.	2.1	3
470	Murine Hematopoietic Progenitor Cells With Colony-Forming or Radioprotective Capacity Lack Expression of the β 2-Integrin LFA-1. <i>Blood</i> , 1999, 93, 107-112.	0.6	3
471	Ternary representation of trivariate data. <i>Cytometry</i> , 1989, 10, 77-80.	1.8	2
472	Regulation of LFA-1 Expression by CD34 Positive Cells and Inducible Growth Factor Production by Stroma Enable Formation of Bone Marrow Compartments. <i>Hematology</i> , 2000, 5, 295-302.	0.7	2
473	Closing in on Toll-like receptors and NOD-LRR proteins in inflammatory disorders. <i>Future Rheumatology</i> , 2006, 1, 465-479.	0.2	2
474	Immune infiltrates impact on the prediction of prognosis and response to immunotherapy of melanoma patients. <i>Journal of Translational Medicine</i> , 2015, 13, P12.	1.8	2
475	Analogues of CTL epitopes with improved MHC class-I binding capacity elicit anti-melanoma CTL recognizing the wild-type epitope. , 1997, 70, 302.		2
476	Proteome Based Construction of the Lymphocyte Function-Associated Antigen 1 (LFA-1) Interactome in Human Dendritic Cells. <i>PLoS ONE</i> , 2016, 11, e0149637.	1.1	2
477	The Role of LFA-1 and Related Antigens in Adhesion-Mediated Functions of Human Monocytes. , 1990, , 159-169.		2
478	Hotspots of GPI-Anchored Proteins and Integrin Nanoclusters Function as Nucleation Sites for Cell Adhesion. <i>Biophysical Journal</i> , 2010, 98, 577a.	0.2	1
479	Purine Metabolism in Human Thymocyte Subsets: Relevance for Lymphocytic Differentiation. <i>Advances in Experimental Medicine and Biology</i> , 1984, 165 Pt B, 99-106.	0.8	1
480	Separation of Subpopulations from Heterogeneous Human Monocytes. , 1987, , 295-308.		1
481	Activation of LFA-1: Role of Cations. , 1993, , 14-24.		1
482	Targeted immunotherapy: Dendritic cells to present tumor-associated antigens. <i>European Journal of Cancer</i> , 1997, 33, S291.	1.3	0
483	Potential applications of dendritic cells. <i>ISBT Science Series</i> , 2007, 2, 264-271.	1.1	0
484	Dendritic cell vaccination and immune monitoring. <i>ISBT Science Series</i> , 2009, 4, 18-23.	1.1	0
485	A FRET-FLIM Study Reveals the Interaction between ALCAM and Actin as a Potential Regulator of ALCAM Binding Activity. <i>Biophysical Journal</i> , 2010, 98, 748a.	0.2	0
486	Integrating High Resolution Bioimaging Techniques to Unravel Spatio-Temporal Organization of Podosomes. <i>Biophysical Journal</i> , 2012, 102, 695a.	0.2	0

#	ARTICLE	IF	CITATIONS
487	Deciphering the Cross-Talk of the Prostaglandin G-Protein Coupled Receptors EP2 and EP4: From Molecular Insights to Novel Anti-Tumor Targets. <i>Biophysical Journal</i> , 2012, 102, 517a.	0.2	0
488	Studying T-Cell Co-Receptors with Magnetic Probes. <i>Biophysical Journal</i> , 2013, 104, 500a-501a.	0.2	0
489	The Neck Region Regulates Spatiotemporal Organization and Virus-Binding Capability of the Pathogen Recognition Receptor DC-Sign. <i>Biophysical Journal</i> , 2013, 104, 610a.	0.2	0
490	Mesoscale Coordinated Dynamics of Cytoskeletal Components at Mechanosensory Podosomes Shown by Time Resolved STICS. <i>Biophysical Journal</i> , 2013, 104, 143a.	0.2	0
491	Integrating High-Resolution Bioimaging Techniques to Unravel How Membrane Lipids Influence Nanoscale Organization and Lateral Mobility of Adhesion Receptors. <i>Biophysical Journal</i> , 2013, 104, 612a.	0.2	0
492	Using Magnetic Probes to Study Receptor Clustering in Live Cells. <i>Biophysical Journal</i> , 2014, 106, 20a.	0.2	0
493	State of the Art in Dendritic Cell Vaccination. , 2003, , 153-159.		0
494	Ex Vivo Generated Dendritic Cells for Clinical Trials versus In Vivo Targeting to Dendritic Cells: Critical Issues. , 2007, , 203-242.		0
495	Novel Concepts in Dendritic Cell Vaccination against Cancer. <i>AACR Education Book</i> , 2012, 2012, 61-65.	0.0	0
496	Dendritic Cell-Based Cancer Immunotherapy: Achievements and Novel Concepts. , 2013, , 71-108.		0
497	Dendritic Cell-Based Cancer Vaccines. , 2014, , 69-87.		0
498	C-Type Lectins: Multifaceted Receptors in Phagocyte Biology. , 0, , 123-135.		0
499	Activation of LFA-1, and its role in mediating adhesion of monocytes and lymphocytes to endothelium. , 1992, , 117-122.		0
500	Activation of Lfa-1: The L16 Epitope is a Cation-Binding Reporter. , 1993, , 181-194.		0
501	The MHC Expression of Dendritic Cells from Mouse Spleen Isolated by Centrifugal Elutriation is Upregulated During Short Term Culture. <i>Advances in Experimental Medicine and Biology</i> , 1993, 329, 185-189.	0.8	0
502	Actin-binding proteins differentially regulate endothelial cell stiffness, ICAM-1 function and neutrophil transmigration. <i>Development (Cambridge)</i> , 2014, 141, e2106-e2106.	1.2	0