

Carl Figdor

List of Publications by Year in descending order

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Version: 2024-02-01

502
papers

49,611
citations

1238

110
h-index

2127

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. | 8.5 | 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. | 28.9 | 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. | 8.5 | 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. | 28.9 | 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. | 5.2 | 1,123 |
| 6 | Dendritic cell immunotherapy: mapping the way. Nature Medicine, 2004, 10, 475-480. | 30.7 | 896 |
| 7 | Magnetic resonance tracking of dendritic cells in melanoma patients for monitoring of cellular therapy. Nature Biotechnology, 2005, 23, 1407-1413. | 17.5 | 791 |
| 8 | C-type lectin receptors on dendritic cells and langerhans cells. Nature Reviews Immunology, 2002, 2, 77-84. | 22.7 | 750 |
| 9 | Dendritic-cell immunotherapy: from ex vivo loading to in vivo targeting. Nature Reviews Immunology, 2007, 7, 790-802. | 22.7 | 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. | 0.9 | 659 |
| 11 | The Dendritic Cell-Specific Adhesion Receptor DC-SIGN Internalizes Antigen for Presentation to T Cells. Journal of Immunology, 2002, 168, 2118-2126. | 0.8 | 568 |
| 12 | Melanocyte lineage-specific antigen gp100 is recognized by melanoma-derived tumor-infiltrating lymphocytes.. Journal of Experimental Medicine, 1994, 179, 1005-1009. | 8.5 | 553 |
| 13 | Different Faces of the Heme-Heme Oxygenase System in Inflammation. Pharmacological Reviews, 2003, 55, 551-571. | 16.0 | 503 |
| 14 | A dendritic-cell-derived C-C chemokine that preferentially attracts naive T cells. Nature, 1997, 387, 713-717. | 27.8 | 480 |
| 15 | DC-SIGN-ICAM-2 interaction mediates dendritic cell trafficking. Nature Immunology, 2000, 1, 353-357. | 14.5 | 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. | 0.8 | 457 |
| 17 | Enhancement of LFA-1-mediated cell adhesion by triggering through CD2 or CD3 on T lymphocytes. Nature, 1989, 342, 811-813. | 27.8 | 450 |
| 18 | Heme is a potent inducer of inflammation in mice and is counteracted by heme oxygenase. Blood, 2001, 98, 1802-1811. | 1.4 | 383 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | In Situ Tumor Ablation Creates an Antigen Source for the Generation of Antitumor Immunity. <i>Cancer Research</i> , 2004, 64, 4024-4029. | 0.9 | 376 |
| 20 | How C-type lectins detect pathogens. <i>Cellular Microbiology</i> , 2005, 7, 481-488. | 2.1 | 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. | 2.9 | 336 |
| 22 | TRPM7, a novel regulator of actomyosin contractility and cell adhesion. <i>EMBO Journal</i> , 2006, 25, 290-301. | 7.8 | 323 |
| 23 | Avidity regulation of integrins: the driving force in leukocyte adhesion. <i>Current Opinion in Cell Biology</i> , 2000, 12, 542-547. | 5.4 | 320 |
| 24 | The threshold at which substrate nanogroove dimensions may influence fibroblast alignment and adhesion. <i>Biomaterials</i> , 2007, 28, 3944-3951. | 11.4 | 311 |
| 25 | Natural Human Plasmacytoid Dendritic Cells Induce Antigen-Specific T-Cell Responses in Melanoma Patients. <i>Cancer Research</i> , 2013, 73, 1063-1075. | 0.9 | 295 |
| 26 | Dendritic Cell-Based Immunotherapy: State of the Art and Beyond. <i>Clinical Cancer Research</i> , 2016, 22, 1897-1906. | 7.0 | 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. | 1.4 | 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. | 8.2 | 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. | 1.4 | 265 |
| 30 | 19F MRI for quantitative in vivo cell tracking. <i>Trends in Biotechnology</i> , 2010, 28, 363-370. | 9.3 | 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. | 6.4 | 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. | 9.9 | 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. | 7.0 | 235 |
| 35 | De-novo expression of CD44 and survival in gastric cancer. <i>Lancet, The</i> , 1993, 342, 1019-1022. | 13.7 | 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. | 1.4 | 230 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Migrating into the Tumor: a Roadmap for T Cells. Trends in Cancer, 2017, 3, 797-808. | 7.4 | 230 |
| 38 | Biomolecular Interactions Measured by Atomic Force Microscopy. Biophysical Journal, 2000, 79, 3267-3281. | 0.5 | 226 |
| 39 | Dual function of C-type lectin-like receptors in the immune system. Current Opinion in Cell Biology, 2003, 15, 539-546. | 5.4 | 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. | 5.2 | 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. | 4.2 | 220 |
| 42 | Regulatory T cells in melanoma: the final hurdle towards effective immunotherapy?. Lancet Oncology, The, 2012, 13, e32-e42. | 10.7 | 219 |
| 43 | Biodistribution and vaccine efficiency of murine dendritic cells are dependent on the route of administration. Cancer Research, 1999, 59, 3340-5. | 0.9 | 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. | 7.1 | 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. | 1.4 | 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. | 7.0 | 212 |
| 47 | Effective Clinical Responses in Metastatic Melanoma Patients after Vaccination with Primary Myeloid Dendritic Cells. Clinical Cancer Research, 2016, 22, 2155-2166. | 7.0 | 211 |
| 48 | Dendritic Cell Interaction with Candida albicans Critically Depends on N-Linked Mannan. Journal of Biological Chemistry, 2008, 283, 20590-20599. | 3.4 | 209 |
| 49 | A Human Minor Histocompatibility Antigen Specific for B Cell Acute Lymphoblastic Leukemia. Journal of Experimental Medicine, 1999, 189, 301-308. | 8.5 | 207 |
| 50 | Activation of LFA-1 through a Ca ²⁺ (+)-dependent epitope stimulates lymphocyte adhesion.. Journal of Cell Biology, 1991, 112, 345-354. | 5.2 | 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. | 6.0 | 204 |
| 53 | Modulation of phenotypic and functional properties of human peripheral blood monocytes by IL-4. Journal of Immunology, 1988, 140, 1548-54. | 0.8 | 202 |
| 54 | Simultaneous Height and Adhesion Imaging of Antibody-Antigen Interactions by Atomic Force Microscopy. Biophysical Journal, 1998, 75, 2220-2228. | 0.5 | 198 |

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|----|---|------|-----------|
| 55 | Myosin II and mechanotransduction: a balancing act. <i>Trends in Cell Biology</i> , 2007, 17, 178-186. | 7.9 | 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. | 0.8 | 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. | 1.4 | 185 |
| 58 | Cell biology beyond the diffraction limit: near-field scanning optical microscopy. <i>Journal of Cell Science</i> , 2001, 114, 4153-4160. | 2.0 | 184 |
| 59 | Towards efficient cancer immunotherapy: advances in developing artificial antigen-presenting cells. <i>Trends in Biotechnology</i> , 2014, 32, 456-465. | 9.3 | 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. | 0.8 | 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. | 1.6 | 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. | 7.0 | 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. | 8.5 | 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. | 11.4 | 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. | 0.9 | 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. | 3.4 | 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. | 0.8 | 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. | 2.9 | 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. | 2.1 | 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. | 7.0 | 158 |
| 71 | Episialin (MUC1) inhibits cytotoxic lymphocyte-target cell interaction. <i>Journal of Immunology</i> , 1993, 151, 767-76. | 0.8 | 157 |
| 72 | Targeted delivery of TLR ligands to human and mouse dendritic cells strongly enhances adjuvanticity. <i>Blood</i> , 2011, 118, 6836-6844. | 1.4 | 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. | 1.4 | 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. | 2.9 | 153 |
| 75 | Molecular cloning and immunogenicity of renal cell carcinoma-associated antigen G250. <i>International Journal of Cancer</i> , 2000, 85, 865-870. | 5.1 | 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. | 0.8 | 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. | 4.2 | 141 |
| 78 | Synthetic immune niches for cancer immunotherapy. <i>Nature Reviews Immunology</i> , 2018, 18, 212-219. | 22.7 | 141 |
| 79 | Phenotypical and Functional Characterization of Clinical Grade Dendritic Cells. <i>Journal of Immunotherapy</i> , 2002, 25, 429-438. | 2.4 | 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. | 3.4 | 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. | 0.8 | 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. | 3.4 | 137 |
| 83 | Migration of dendritic cell based cancer vaccines: in vivo veritas?. <i>Current Opinion in Immunology</i> , 2005, 17, 170-174. | 5.5 | 135 |
| 84 | Ovarian cancer creates a suppressive microenvironment to escape immune elimination. <i>Gynecologic Oncology</i> , 2010, 117, 366-372. | 1.4 | 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. | 5.2 | 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. | 0.8 | 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. | 7.8 | 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. | 5.6 | 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. | 0.9 | 131 |
| 90 | Cell biology beyond the diffraction limit: near-field scanning optical microscopy. <i>Journal of Cell Science</i> , 2001, 114, 4153-60. | 2.0 | 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. | 5.2 | 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. | 4.8 | 127 |
| 94 | Imaging of cellular therapies. <i>Advanced Drug Delivery Reviews</i> , 2010, 62, 1080-1093. | 13.7 | 126 |
| 95 | Labeling cells for in vivo tracking using 19F MRI. <i>Biomaterials</i> , 2012, 33, 8830-8840. | 11.4 | 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. | 4.2 | 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. | 3.3 | 125 |
| 98 | Functional Differences Between Mesenchymal Stem Cell Populations Are Reflected by Their Transcriptome. <i>Stem Cells and Development</i> , 2010, 19, 481-490. | 2.1 | 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. | 0.9 | 124 |
| 100 | Molecular characterization of the melanocyte lineage-specific antigen gp100. <i>Journal of Biological Chemistry</i> , 1994, 269, 20126-33. | 3.4 | 124 |
| 101 | The tetraspanin web revisited by super-resolution microscopy. <i>Scientific Reports</i> , 2015, 5, 12201. | 3.3 | 123 |
| 102 | Targeted Delivery of a Sialic Acid-Blocking Glycomimetic to Cancer Cells Inhibits Metastatic Spread. <i>ACS Nano</i> , 2015, 9, 733-745. | 14.6 | 123 |
| 103 | The heme-heme oxygenase system: a molecular switch in wound healing. <i>Blood</i> , 2003, 102, 521-528. | 1.4 | 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. | 0.9 | 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. | 11.4 | 120 |
| 106 | Lipid peroxidation causes endosomal antigen release for cross-presentation. <i>Scientific Reports</i> , 2016, 6, 22064. | 3.3 | 120 |
| 107 | Organization of the Integrin LFA-1 in Nanoclusters Regulates Its Activity. <i>Molecular Biology of the Cell</i> , 2006, 17, 4270-4281. | 2.1 | 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. | 5.6 | 118 |

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|-----|--|------|-----------|
| 109 | Dendritic cell-based nanovaccines for cancer immunotherapy. <i>Current Opinion in Immunology</i> , 2013, 25, 389-395. | 5.5 | 118 |
| 110 | Interplay between myosin IIA-mediated contractility and actin network integrity orchestrates podosome composition and oscillations. <i>Nature Communications</i> , 2013, 4, 1412. | 12.8 | 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. | 1.4 | 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. | 12.8 | 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. | 5.1 | 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. | 0.8 | 113 |
| 115 | Dendritic cell vaccines in melanoma: From promise to proof?. <i>Critical Reviews in Oncology/Hematology</i> , 2008, 66, 118-134. | 4.4 | 113 |
| 116 | Targeting antigens to dendritic cells in vivo. <i>Immunobiology</i> , 2006, 211, 599-608. | 1.9 | 112 |
| 117 | Interlaboratory round robin on cantilever calibration for AFM force spectroscopy. <i>Ultramicroscopy</i> , 2011, 111, 1659-1669. | 1.9 | 110 |
| 118 | Targeting Nanoparticles to Dendritic Cells for Immunotherapy. <i>Methods in Enzymology</i> , 2012, 509, 143-163. | 1.0 | 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. | 3.3 | 108 |
| 120 | Targeting dendritic cells—why bother?. <i>Blood</i> , 2013, 121, 2836-2844. | 1.4 | 106 |
| 121 | Ligand-Conjugated Quantum Dots Monitor Antigen Uptake and Processing by Dendritic Cells. <i>Nano Letters</i> , 2007, 7, 970-977. | 9.1 | 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. | 2.8 | 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. | 1.4 | 104 |
| 124 | Dual-color superresolution microscopy reveals nanoscale organization of mechanosensory podosomes. <i>Molecular Biology of the Cell</i> , 2013, 24, 2112-2123. | 2.1 | 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. | 0.8 | 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. | 0.9 | 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. | 0.9 | 103 |
| 128 | DC-STAMP, a novel multimembrane-spanning molecule preferentially expressed by dendritic cells. <i>European Journal of Immunology</i> , 2000, 30, 3585-3590. | 2.9 | 101 |
| 129 | High Frequency of Adhesion Defects in B-Lineage Acute Lymphoblastic Leukemia. <i>Blood</i> , 1999, 94, 754-764. | 1.4 | 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. | 0.9 | 99 |
| 131 | Cytotoxic T cells are able to efficiently eliminate cancer cells by additive cytotoxicity. <i>Nature Communications</i> , 2021, 12, 5217. | 12.8 | 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. | 3.4 | 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. | 0.8 | 98 |
| 134 | Dectin-1 Interaction with Tetraspanin CD37 Inhibits IL-6 Production. <i>Journal of Immunology</i> , 2007, 178, 154-162. | 0.8 | 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. | 2.1 | 93 |
| 136 | Human Plasmacytoid Dendritic Cells: From Molecules to Intercellular Communication Network. <i>Frontiers in Immunology</i> , 2013, 4, 372. | 4.8 | 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. | 0.9 | 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. | 8.5 | 92 |
| 139 | Dendritic cells in cancer immunotherapy. <i>Nature Materials</i> , 2018, 17, 474-475. | 27.5 | 92 |
| 140 | Dendritic cell vaccination and immune monitoring. <i>Cancer Immunology, Immunotherapy</i> , 2008, 57, 1559-1568. | 4.2 | 91 |
| 141 | Therapeutic nanoworms: towards novel synthetic dendritic cells for immunotherapy. <i>Chemical Science</i> , 2013, 4, 4168. | 7.4 | 91 |
| 142 | The nature of activatory and tolerogenic dendritic cell-derived signal II. <i>Frontiers in Immunology</i> , 2013, 4, 53. | 4.8 | 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. | 5.1 | 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. | 2.5 | 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. | 0.8 | 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. | 3.6 | 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. | 2.0 | 89 |
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