

Carl Figdor

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

488 papers	42,384 citations	102 h-index	190 g-index
512 ext. papers	45,992 ext. citations	7.5 avg, IF	7.03 L-index

#	Paper	IF	Citations
488	Multiscale imaging of therapeutic anti-PD-L1 antibody localization using molecularly defined imaging agents.. <i>Journal of Nanobiotechnology</i> , 2022 , 20, 64	9.4	0
487	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	3	1
486	Human type 1 and type 2 conventional dendritic cells express indoleamine 2,3-dioxygenase 1 with functional effects on T cell priming. <i>European Journal of Immunology</i> , 2021 , 51, 1494-1504	6.1	3
485	Semiflexible Immunobrushes Induce Enhanced T Cell Activation and Expansion. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 16007-16018	9.5	3
484	Enhanced Antitumor Efficacy through an "AND gate" Reactive Oxygen-Species-Dependent pH-Responsive Nanomedicine Approach. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2100304	10.1	2
483	A tipping point in cancer-immune dynamics leads to divergent immunotherapy responses and hampers biomarker discovery 2021 , 9,		1
482	Three distinct tolerogenic CD14 myeloid cell types to actively manage autoimmune disease: Opportunities and challenges. <i>Journal of Autoimmunity</i> , 2021 , 120, 102645	15.5	1
481	Characterization of Intrinsically Radiolabeled Poly(lactic--glycolic acid) Nanoparticles for ex Vivo Autologous Cell Labeling and in Vivo Tracking. <i>Bioconjugate Chemistry</i> , 2021 , 32, 1802-1811	6.3	0
480	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	12.5	0
479	Dual Site-Specific Chemoenzymatic Antibody Fragment Conjugation Using CRISPR-Based Hybridoma Engineering. <i>Bioconjugate Chemistry</i> , 2021 , 32, 301-310	6.3	5
478	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	8.4	8
477	Insertion of atypical glycans into the tumor antigen-binding site identifies DLBCLs with distinct origin and behavior. <i>Blood</i> , 2021 , 138, 1570-1582	2.2	1
476	Cytotoxic T cells are able to efficiently eliminate cancer cells by additive cytotoxicity. <i>Nature Communications</i> , 2021 , 12, 5217	17.4	16
475	The tumour microenvironment shapes dendritic cell plasticity in a human organotypic melanoma culture. <i>Nature Communications</i> , 2020 , 11, 2749	17.4	20
474	Nanovaccine administration route is critical to obtain pertinent iNKT cell help for robust anti-tumor T and B cell responses. <i>Onc Immunology</i> , 2020 , 9, 1738813	7.2	17
473	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	7.4	17
472	Collective invasion induced by an autocrine purinergic loop through connexin-43 hemichannels. <i>Journal of Cell Biology</i> , 2020 , 219,	7.3	15

471	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	5.3	1
470	Functional diversification of hybridoma-produced antibodies by CRISPR/HDR genomic engineering. <i>Science Advances</i> , 2019 , 5, eaaw1822	14.3	5
469	Synthetic Semiflexible and Bioactive Brushes. <i>Biomacromolecules</i> , 2019 , 20, 2587-2597	6.9	8
468	ICAM3-Fc Outperforms Receptor-Specific Antibodies Targeted Nanoparticles to Dendritic Cells for Cross-Presentation. <i>Molecules</i> , 2019 , 24,	4.8	5
467	Multicore Liquid Perfluorocarbon-Loaded Multimodal Nanoparticles for Stable Ultrasound and F MRI Applied to In Vivo Cell Tracking. <i>Advanced Functional Materials</i> , 2019 , 29, 1806485	15.6	27
466	Attacking Tumors From All Sides: Personalized Multiplex Vaccines to Tackle Intratumor Heterogeneity. <i>Frontiers in Immunology</i> , 2019 , 10, 824	8.4	24
465	Biomaterial-Based Activation and Expansion of Tumor-Specific T Cells. <i>Frontiers in Immunology</i> , 2019 , 10, 931	8.4	8
464	Fluorescence Resonance Energy Transfer-Based Stability Assessment of PLGA Nanoparticles in Vitro and in Vivo. <i>ACS Applied Bio Materials</i> , 2019 , 2, 1131-1140	4.1	13
463	Health-related quality of life analysis in stage III melanoma patients treated with adjuvant dendritic cell therapy. <i>Clinical and Translational Oncology</i> , 2019 , 21, 774-780	3.6	2
462	Imaging of T-cells and their responses during anti-cancer immunotherapy. <i>Theranostics</i> , 2019 , 9, 7924-7947	14.1	50
461	Blood-derived dendritic cell vaccinations induce immune responses that correlate with clinical outcome in patients with chemo-naïve castration-resistant prostate cancer 2019 , 7, 302		36
460	Microfluidics-Assisted Size Tuning and Biological Evaluation of PLGA Particles. <i>Pharmaceutics</i> , 2019 , 11,	6.4	12
459	Intracellular Galectin-9 Controls Dendritic Cell Function by Maintaining Plasma Membrane Rigidity. <i>iScience</i> , 2019 , 22, 240-255	6.1	11
458	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	11.5	8
457	Endolysosomal-Escape Nanovaccines through Adjuvant-Induced Tumor Antigen Assembly for Enhanced Effector CD8 T Cell Activation. <i>Small</i> , 2018 , 14, e1703539	11	18
456	Design of triphasic poly(lactic--glycolic acid) nanoparticles containing a perfluorocarbon phase for biomedical applications.. <i>RSC Advances</i> , 2018 , 8, 6460-6470	3.7	11
455	Synthetic immune niches for cancer immunotherapy. <i>Nature Reviews Immunology</i> , 2018 , 18, 212-219	36.5	99
454	A comparative assessment of continuous production techniques to generate sub-micron size PLGA particles. <i>International Journal of Pharmaceutics</i> , 2018 , 550, 140-148	6.5	18

453	Cytokine-Functionalized Synthetic Dendritic Cells for TCell Targeted Immunotherapies. <i>Advanced Therapeutics</i> , 2018 , 1, 1800021	4.9	16
452	Single-cell analysis reveals that stochasticity and paracrine signaling control interferon-alpha production by plasmacytoid dendritic cells. <i>Nature Communications</i> , 2018 , 9, 3317	17.4	68
451	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	5.3	122
450	Injectable Biomimetic Hydrogels as Tools for Efficient T Cell Expansion and Delivery. <i>Frontiers in Immunology</i> , 2018 , 9, 2798	8.4	39
449	Biophysical Characterization of CD6-TCR/CD3 Interplay in T Cells. <i>Frontiers in Immunology</i> , 2018 , 9, 2333	8.4	7
448	C-type lectin-like receptor 2 (CLEC-2)-dependent dendritic cell migration is controlled by tetraspanin CD37. <i>Journal of Cell Science</i> , 2018 , 131,	5.3	6
447	Dendritic cells in cancer immunotherapy. <i>Nature Materials</i> , 2018 , 17, 474-475	27	56
446	Controlled release of antigen and Toll-like receptor ligands from PLGA nanoparticles enhances immunogenicity. <i>Nanomedicine</i> , 2017 , 12, 491-510	5.6	35
445	Controlling T-Cell Activation with Synthetic Dendritic Cells Using the Multivalency Effect. <i>ACS Omega</i> , 2017 , 2, 937-945	3.9	30
444	Affinity-Based Purification of Polyisocyanopeptide Bioconjugates. <i>Bioconjugate Chemistry</i> , 2017 , 28, 2560-2568	6.3	6
443	N-glycan mediated adhesion strengthening during pathogen-receptor binding revealed by cell-cell force spectroscopy. <i>Scientific Reports</i> , 2017 , 7, 6713	4.9	14
442	Migrating into the Tumor: a Roadmap for T Cells. <i>Trends in Cancer</i> , 2017 , 3, 797-808	12.5	136
441	A membrane-anchored aptamer sensor for probing IFN β secretion by single cells. <i>Chemical Communications</i> , 2017 , 53, 8066-8069	5.8	37
440	Multispectral imaging for highly accurate analysis of tumour-infiltrating lymphocytes in primary melanoma. <i>Histopathology</i> , 2017 , 70, 643-649	7.3	12
439	Harnessing RNA sequencing for global, unbiased evaluation of two new adjuvants for dendritic-cell immunotherapy. <i>Oncotarget</i> , 2017 , 8, 19879-19893	3.3	11
438	Direct inhibition of STAT signaling by platinum drugs contributes to their anti-cancer activity. <i>Oncotarget</i> , 2017 , 8, 54434-54443	3.3	12
437	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	3.3	12
436	Human CD1c(+) DCs are critical cellular mediators of immune responses induced by immunogenic cell death. <i>Oncolimmunology</i> , 2016 , 5, e1192739	7.2	51

435	Lipid peroxidation causes endosomal antigen release for cross-presentation. <i>Scientific Reports</i> , 2016 , 6, 22064	4.9	75
434	Proteomics of Human Dendritic Cell Subsets Reveals Subset-Specific Surface Markers and Differential Inflammasome Function. <i>Cell Reports</i> , 2016 , 16, 2953-2966	10.6	42
433	Preclinical exploration of combining plasmacytoid and myeloid dendritic cell vaccination with BRAF inhibition. <i>Journal of Translational Medicine</i> , 2016 , 14, 88	8.5	8
432	Adjuvant dendritic cell vaccination induces tumor-specific immune responses in the majority of stage III melanoma patients. <i>Onc Immunology</i> , 2016 , 5, e1191732	7.2	13
431	Ipilimumab administered to metastatic melanoma patients who progressed after dendritic cell vaccination. <i>Onc Immunology</i> , 2016 , 5, e1201625	7.2	16
430	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, 4332-46	10.1	66
429	Immunotherapy: Cancer vaccine triggers antiviral-type defences. <i>Nature</i> , 2016 , 534, 329-31	50.4	22
428	Favorable overall survival in stage III melanoma patients after adjuvant dendritic cell vaccination. <i>Onc Immunology</i> , 2016 , 5, e1057673	7.2	47
427	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, 327-39	7.4	37
426	Long-lasting multifunctional CD8 T cell responses in end-stage melanoma patients can be induced by dendritic cell vaccination. <i>Onc Immunology</i> , 2016 , 5, e1067745	7.2	37
425	Co-delivery of PLGA encapsulated invariant NKT cell agonist with antigenic protein induce strong T cell-mediated antitumor immune responses. <i>Onc Immunology</i> , 2016 , 5, e1068493	7.2	45
424	Effective Clinical Responses in Metastatic Melanoma Patients after Vaccination with Primary Myeloid Dendritic Cells. <i>Clinical Cancer Research</i> , 2016 , 22, 2155-66	12.9	151
423	Semaphorin 7A Promotes Chemokine-Driven Dendritic Cell Migration. <i>Journal of Immunology</i> , 2016 , 196, 459-68	5.3	21
422	Tetraspanin CD37 protects against the development of B cell lymphoma. <i>Journal of Clinical Investigation</i> , 2016 , 126, 653-66	15.9	32
421	Proteome Based Construction of the Lymphocyte Function-Associated Antigen 1 (LFA-1) Interactome in Human Dendritic Cells. <i>PLoS ONE</i> , 2016 , 11, e0149637	3.7	2
420	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, 3605643	4.3	39
419	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, 241-8	5	19
418	Dendritic Cell-Based Immunotherapy: State of the Art and Beyond. <i>Clinical Cancer Research</i> , 2016 , 22, 1897-906	12.9	217

417	Opportunities for immunotherapy in microsatellite instable colorectal cancer. <i>Cancer Immunology, Immunotherapy</i> , 2016 , 65, 1249-59	7.4	53
416	T-cell Landscape in a Primary Melanoma Predicts the Survival of Patients with Metastatic Disease after Their Treatment with Dendritic Cell Vaccines. <i>Cancer Research</i> , 2016 , 76, 3496-506	10.1	27
415	Adjuvant Dendritic Cell Vaccination in High-Risk Uveal Melanoma. <i>Ophthalmology</i> , 2016 , 123, 2265-7	7.3	27
414	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, 831-42	7.4	26
413	Immune infiltrates impact on the prediction of prognosis and response to immunotherapy of melanoma patients. <i>Journal of Translational Medicine</i> , 2015 , 13, P12	8.5	2
412	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, 4771-7	16.4	50
411	PLGA-encapsulated perfluorocarbon nanoparticles for simultaneous visualization of distinct cell populations by 19F MRI. <i>Nanomedicine</i> , 2015 , 10, 2339-48	5.6	28
410	Selective Expression of the MAPK Phosphatase Dusp9/MKP-4 in Mouse Plasmacytoid Dendritic Cells and Regulation of IFN- γ Production. <i>Journal of Immunology</i> , 2015 , 195, 1753-62	5.3	7
409	Intranodal vaccination with mRNA-optimized dendritic cells in metastatic melanoma patients. <i>Onc Immunology</i> , 2015 , 4, e1019197	7.2	43
408	Restoring immunosurveillance by dendritic cell vaccines and manipulation of the tumor microenvironment. <i>Immunobiology</i> , 2015 , 220, 243-8	3.4	10
407	Polymer-based synthetic dendritic cells for tailoring robust and multifunctional T cell responses. <i>ACS Chemical Biology</i> , 2015 , 10, 485-92	4.9	29
406	The tetraspanin web revisited by super-resolution microscopy. <i>Scientific Reports</i> , 2015 , 5, 12201	4.9	85
405	Type I IFN-mediated synergistic activation of mouse and human DC subsets by TLR agonists. <i>European Journal of Immunology</i> , 2015 , 45, 2798-809	6.1	15
404	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, 687-98	2.6	12
403	Multispectral imaging reveals the tissue distribution of tetraspanins in human lymphoid organs. <i>Histochemistry and Cell Biology</i> , 2015 , 144, 133-46	2.4	17
402	Targeted delivery of a sialic acid-blocking glycomimetic to cancer cells inhibits metastatic spread. <i>ACS Nano</i> , 2015 , 9, 733-45	16.7	79
401	Tumoricidal activity of human dendritic cells. <i>Trends in Immunology</i> , 2014 , 35, 38-46	14.4	53
400	Towards efficient cancer immunotherapy: advances in developing artificial antigen-presenting cells. <i>Trends in Biotechnology</i> , 2014 , 32, 456-65	15.1	138

399	Actin-binding proteins differentially regulate endothelial cell stiffness, ICAM-1 function and neutrophil transmigration. <i>Journal of Cell Science</i> , 2014 , 127, 4470-82	5.3	62
398	The right touch: design of artificial antigen-presenting cells to stimulate the immune system. <i>Chemical Science</i> , 2014 , 5, 3355	9.4	28
397	Tracking targeted bimodal nanovaccines: immune responses and routing in cells, tissue, and whole organism. <i>Molecular Pharmaceutics</i> , 2014 , 11, 4299-313	5.6	37
396	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	8.4	99
395	Dynamic coupling of ALCAM to the actin cortex strengthens cell adhesion to CD6. <i>Journal of Cell Science</i> , 2014 , 127, 1595-606	5.3	32
394	Syntenin-1 and ezrin proteins link activated leukocyte cell adhesion molecule to the actin cytoskeleton. <i>Journal of Biological Chemistry</i> , 2014 , 289, 13445-60	5.4	28
393	Long overall survival after dendritic cell vaccination in metastatic uveal melanoma patients. <i>American Journal of Ophthalmology</i> , 2014 , 158, 939-47	4.9	44
392	Podosomes of dendritic cells facilitate antigen sampling. <i>Journal of Cell Science</i> , 2014 , 127, 1052-1064	5.3	50
391	Cord blood mesenchymal stem cells suppress DC-T Cell proliferation via prostaglandin B2. <i>Stem Cells and Development</i> , 2014 , 23, 1582-93	4.4	14
390	Actin-binding proteins differentially regulate endothelial cell stiffness, ICAM-1 function and neutrophil transmigration. <i>Journal of Cell Science</i> , 2014 , 127, 4985-4985	5.3	16
389	Early predictive value of multifunctional skin-infiltrating lymphocytes in anticancer immunotherapy. <i>OncoImmunology</i> , 2014 , 3, e27219	7.2	3
388	Actin-binding proteins differentially regulate endothelial cell stiffness, ICAM-1 function and neutrophil transmigration. <i>Development (Cambridge)</i> , 2014 , 141, e2106-e2106	6.6	
387	Dendritic Cell-Based Cancer Vaccines 2014 , 69-87		
386	In vivo imaging of therapy-induced anti-cancer immune responses in humans. <i>Cellular and Molecular Life Sciences</i> , 2013 , 70, 2237-57	10.3	17
385	Therapeutic nanoworms: towards novel synthetic dendritic cells for immunotherapy. <i>Chemical Science</i> , 2013 , 4, 4168	9.4	69
384	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, 363-74	7.2	49
383	ALCAM/CD166 adhesive function is regulated by the tetraspanin CD9. <i>Cellular and Molecular Life Sciences</i> , 2013 , 70, 475-93	10.3	43
382	Probing cellular heterogeneity in cytokine-secreting immune cells using droplet-based microfluidics. <i>Lab on A Chip</i> , 2013 , 13, 4740-4	7.2	157

381	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, 5005-12	5.3	87
380	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, 459-67	2.2	121
379	Targeting CD4(+) T-helper cells improves the induction of antitumor responses in dendritic cell-based vaccination. <i>Cancer Research</i> , 2013 , 73, 19-29	10.1	120
378	Physical limits of cell migration: control by ECM space and nuclear deformation and tuning by proteolysis and traction force. <i>Journal of Cell Biology</i> , 2013 , 201, 1069-84	7.3	852
377	Natural human plasmacytoid dendritic cells induce antigen-specific T-cell responses in melanoma patients. <i>Cancer Research</i> , 2013 , 73, 1063-75	10.1	239
376	Dendritic cell-based nanovaccines for cancer immunotherapy. <i>Current Opinion in Immunology</i> , 2013 , 25, 389-95	7.8	95
375	Targeting of 111In-labeled dendritic cell human vaccines improved by reducing number of cells. <i>Clinical Cancer Research</i> , 2013 , 19, 1525-33	12.9	41
374	Interplay between myosin IIA-mediated contractility and actin network integrity orchestrates podosome composition and oscillations. <i>Nature Communications</i> , 2013 , 4, 1412	17.4	95
373	Human plasmacytoid dendritic cells: from molecules to intercellular communication network. <i>Frontiers in Immunology</i> , 2013 , 4, 372	8.4	60
372	In vivo 19F MRI for cell tracking. <i>Journal of Visualized Experiments</i> , 2013 , e50802	1.6	17
371	Dual-color superresolution microscopy reveals nanoscale organization of mechanosensory podosomes. <i>Molecular Biology of the Cell</i> , 2013 , 24, 2112-23	3.5	85
370	Cell tracking using multimodal imaging. <i>Contrast Media and Molecular Imaging</i> , 2013 , 8, 432-8	3.2	17
369	Functional OCT4-specific CD4 and CD8 T cells in healthy controls and ovarian cancer patients. <i>OncolImmunology</i> , 2013 , 2, e24271	7.2	7
368	Automated podosome identification and characterization in fluorescence microscopy images. <i>Microscopy and Microanalysis</i> , 2013 , 19, 180-9	0.5	16
367	Reducing cell number improves the homing of dendritic cells to lymph nodes upon intradermal vaccination. <i>OncolImmunology</i> , 2013 , 2, e24661	7.2	16
366	Importance of helper T-cell activation in dendritic cell-based anticancer immunotherapy. <i>OncolImmunology</i> , 2013 , 2, e24440	7.2	7
365	Naturally circulating dendritic cells to vaccinate cancer patients. <i>OncolImmunology</i> , 2013 , 2, e23431	7.2	23
364	Targeting dendritic cells--why bother?. <i>Blood</i> , 2013 , 121, 2836-44	2.2	92

363	The nature of activatory and tolerogenic dendritic cell-derived signal II. <i>Frontiers in Immunology</i> , 2013 , 4, 53	8.4	71
362	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	8.4	53
361	Aiming to immune elimination of ovarian cancer stem cells. <i>World Journal of Stem Cells</i> , 2013 , 5, 149-62	5.6	4
360	Dendritic Cell-Based Cancer Immunotherapy: Achievements and Novel Concepts 2013 , 71-108		
359	Current vaccination strategies for prostate cancer. <i>European Urology</i> , 2012 , 61, 290-306	10.2	26
358	Comparison of antibodies and carbohydrates to target vaccines to human dendritic cells via DC-SIGN. <i>Biomaterials</i> , 2012 , 33, 4229-39	15.6	57
357	Unraveling the human dendritic cell phagosome proteome by organellar enrichment ranking. <i>Journal of Proteomics</i> , 2012 , 75, 1547-62	3.9	24
356	A large-scale (19)F MRI-based cell migration assay to optimize cell therapy. <i>NMR in Biomedicine</i> , 2012 , 25, 1095-103	4.4	20
355	The C-type lectin receptor CLEC9A mediates antigen uptake and (cross-)presentation by human blood BDCA3+ myeloid dendritic cells. <i>Blood</i> , 2012 , 119, 2284-92	2.2	183
354	Regulatory T cells in melanoma: the final hurdle towards effective immunotherapy?. <i>Lancet Oncology</i> , 2012 , 13, e32-42	21.7	174
353	Human plasmacytoid dendritic cells are equipped with antigen-presenting and tumoricidal capacities. <i>Blood</i> , 2012 , 120, 3936-44	2.2	76
352	Skin-test infiltrating lymphocytes early predict clinical outcome of dendritic cell-based vaccination in metastatic melanoma. <i>Cancer Research</i> , 2012 , 72, 6102-10	10.1	42
351	Antibodies and carbohydrate ligands binding to DC-SIGN differentially modulate receptor trafficking. <i>European Journal of Immunology</i> , 2012 , 42, 1989-98	6.1	20
350	Targeting dendritic cells with antigen via dendritic cell-associated promoters. <i>Cancer Gene Therapy</i> , 2012 , 19, 303-11	5.4	12
349	Labeling cells for in vivo tracking using (19)F MRI. <i>Biomaterials</i> , 2012 , 33, 8830-40	15.6	116
348	A method for spatially resolved local intracellular mechanochemical sensing and organelle manipulation. <i>Biophysical Journal</i> , 2012 , 103, 395-404	2.9	9
347	Targeting nanoparticles to dendritic cells for immunotherapy. <i>Methods in Enzymology</i> , 2012 , 509, 143-63	1.7	90
346	Insight into the dynamics, localization and magnitude of antigen-specific immune responses by [(18)F]FLT PET imaging. <i>Oncotarget</i> , 2012 , 1, 744-745	7.2	2

345	Geometry sensing by dendritic cells dictates spatial organization and PGE(2)-induced dissolution of podosomes. <i>Cellular and Molecular Life Sciences</i> , 2012 , 69, 1889-901	10.3	55
344	The chemotherapeutic drug oxaliplatin differentially affects blood DC function dependent on environmental cues. <i>Cancer Immunology, Immunotherapy</i> , 2012 , 61, 1101-11	7.4	33
343	Harnessing human plasmacytoid dendritic cells as professional APCs. <i>Cancer Immunology, Immunotherapy</i> , 2012 , 61, 1279-88	7.4	46
342	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, 5460-70	12.8	75
341	Enhancing immunogenicity and cross-reactivity of HIV-1 antigens by in vivo targeting to dendritic cells. <i>Nanomedicine</i> , 2012 , 7, 1591-610	5.6	5
340	The neck region of the C-type lectin DC-SIGN regulates its surface spatiotemporal organization and virus-binding capacity on antigen-presenting cells. <i>Journal of Biological Chemistry</i> , 2012 , 287, 38946-55	5.4	41
339	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, 4869-74	11.5	74
338	In vivo tracking techniques for cellular regeneration, replacement, and redirection. <i>Journal of Nuclear Medicine</i> , 2012 , 53, 1825-8	8.9	18
337	The tetraspanin CD37 orchestrates the $\alpha 4 \beta 1$ integrin-Akt signaling axis and supports long-lived plasma cell survival. <i>Science Signaling</i> , 2012 , 5, ra82	8.8	62
336	The modular nature of dendritic cell responses to commensal and pathogenic fungi. <i>PLoS ONE</i> , 2012 , 7, e42430	3.7	11
335	Dynamic cell adhesion and migration on nanoscale grooved substrates. <i>European Cells and Materials</i> , 2012 , 23, 182-93; discussion 193-4	4.3	45
334	Cytokine analysis as a tool to understand tumour-host interaction in ovarian cancer. <i>European Journal of Cancer</i> , 2011 , 47, 1883-9	7.5	40
333	Targeted antigen delivery and activation of dendritic cells in vivo: steps towards cost effective vaccines. <i>Seminars in Immunology</i> , 2011 , 23, 12-20	10.7	96
332	Cytokine profiles in cyst fluids from ovarian tumors reflect immunosuppressive state of the tumor. <i>International Journal of Gynecological Cancer</i> , 2011 , 21, 1241-7	3.5	14
331	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, 107-15	2.2	26
330	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, 4111-9	2.2	90
329	Targeted delivery of TLR ligands to human and mouse dendritic cells strongly enhances adjuvanticity. <i>Blood</i> , 2011 , 118, 6836-44	2.2	147
328	The lymphoid chemokine CCL21 triggers LFA-1 adhesive properties on human dendritic cells. <i>Immunology and Cell Biology</i> , 2011 , 89, 458-65	5	15

327	Interlaboratory round robin on cantilever calibration for AFM force spectroscopy. <i>Ultramicroscopy</i> , 2011 , 111, 1659-69	3.1	93
326	Prophylactic vaccines mimic synthetic CpG oligonucleotides in their ability to modulate immune responses. <i>Molecular Immunology</i> , 2011 , 48, 810-7	4.3	22
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