

# Vera S Donnenberg

## List of Publications by Year in descending order

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Version: 2024-02-01

76  
papers

3,919  
citations

201674

27  
h-index

123424

61  
g-index

83  
all docs

83  
docs citations

83  
times ranked

7459  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use of flow cytometry and cell sorting in immunological studies<sup>*</sup>. European Journal of Immunology, 2017, 47, 1584-1797.	2.9	505
2	Multiple Drug Resistance in Cancer Revisited: The Cancer Stem Cell Hypothesis. Journal of Clinical Pharmacology, 2005, 45, 872-877.	2.0	411
3	A breast cancer stem cell niche supported by juxtacrine signalling from monocytes and macrophages. Nature Cell Biology, 2014, 16, 1105-1117.	10.3	380
4	Stromal vascular progenitors in adult human adipose tissue. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2010, 77A, 22-30.	1.5	292
5	Mesenchymal markers on human adipose stem/progenitor cells. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2013, 83A, 134-140.	1.5	200
6	Regenerative Therapy and Cancer: <i>In Vitro</i> and <i>In Vivo</i> Studies of the Interaction Between Adipose-Derived Stem Cells and Breast Cancer Cells from Clinical Isolates. Tissue Engineering - Part A, 2011, 17, 93-106.	3.1	198
7	Mesenchymal stem cell secretome and regenerative therapy afterÂcancer. Biochimie, 2013, 95, 2235-2245.	2.6	150
8	Identification of Human Aldehyde Dehydrogenase 1 Family Member A1 as a Novel CD8+ T-Cellâ€œDefined Tumor Antigen in Squamous Cell Carcinoma of the Head and Neck. Cancer Research, 2007, 67, 10538-10545.	0.9	135
9	Adipogenic Potential of Adipose Stem Cell Subpopulations. Plastic and Reconstructive Surgery, 2011, 128, 663-672.	1.4	118
10	Prevalence of Endogenous CD34+ Adipose Stem Cells Predicts Human Fat Graft Retention in a Xenograft Model. Plastic and Reconstructive Surgery, 2013, 132, 845-858.	1.4	94
11	Rare-Event Analysis in Flow Cytometry. Clinics in Laboratory Medicine, 2007, 27, 627-652.	1.4	84
12	Regenerative Therapy After Cancer: What Are the Risks?. Tissue Engineering - Part B: Reviews, 2010, 16, 567-575.	4.8	84
13	Lung T-cell subset composition at the time of surgical resection is a prognostic indicator in non-small cell lung cancer. Cancer Immunology, Immunotherapy, 2011, 60, 819-827.	4.2	75
14	Tumorigenic stem and progenitor cells: Implications for the therapeutic index of anti-cancer agents. Journal of Controlled Release, 2007, 122, 385-391.	9.9	73
15	Activation of Human Mesenchymal Stem Cells Impacts Their Therapeutic Abilities in Lung Injury by Increasing Interleukin (IL)-10 and IL-1RN Levels. Stem Cells Translational Medicine, 2013, 2, 884-895.	3.3	70
16	Interplay between tumor microenvironment and partial EMT as the driver of tumor progression. IScience, 2021, 24, 102113.	4.1	68
17	Localization of CD44 and CD90 positive cells to the invasive front of breast tumors. Cytometry Part B - Clinical Cytometry, 2010, 78B, 287-301.	1.5	59
18	Rare Event Detection and Analysis in Flow Cytometry: Bone Marrow Mesenchymal Stem Cells, Breast Cancer Stem/Progenitor Cells in Malignant Effusions, and Pericytes in Disaggregated Adipose Tissue. Methods in Molecular Biology, 2011, 699, 251-273.	0.9	55

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19	Human adipose stromal vascular cell delivery in a fibrin spray. <i>Cytotherapy</i> , 2013, 15, 102-108.	0.7	55
20	Evaluation of Exosome Proteins by onâ€Bead Flow Cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2021, 99, 372-381.	1.5	52
21	Competition of peptide-MHC class I tetrameric complexes with anti-CD3 provides evidence for specificity of peptide binding to the TCR complex. <i>Cytometry</i> , 2000, 41, 321-328.	1.8	50
22	Dynamic Interactions Between Cancer Stem Cells and Their Stromal Partners. <i>Current Pathobiology Reports</i> , 2014, 2, 41-52.	3.4	47
23	Measurement of Multiple Drug Resistance Transporter Activity in Putative Cancer Stem/Progenitor Cells. <i>Methods in Molecular Biology</i> , 2009, 568, 261-279.	0.9	44
24	Oncologic Safety of Fat Grafting for Autologous Breast Reconstruction in an Animal Model of Residual Breast Cancer. <i>Plastic and Reconstructive Surgery</i> , 2019, 143, 103-112.	1.4	39
25	Treatment of malignant pleural effusions: the case for localized immunotherapy. , 2019, 7, 110.		34
26	Classification and Functional Characterization of Vasa Vasorum-Associated Perivascular Progenitor Cells in Human Aorta. <i>Stem Cell Reports</i> , 2017, 9, 292-303.	4.8	33
27	Identification rare event detection and analysis of dendritic cell subsets in broncho alveolar lavage fluid and peripheral blood by flow cytometry. <i>Frontiers in Bioscience - Landmark</i> , 2003, 8, s1175-1180.	3.0	31
28	Development and validation of a procedure to isolate viable bone marrow cells from the vertebrae of cadaveric organ donors for composite organ grafting. <i>Cytotherapy</i> , 2012, 14, 104-113.	0.7	28
29	An Animal Model of Local Breast Cancer Recurrence in the Setting of Autologous Fat Grafting for Breast Reconstruction. <i>Stem Cells Translational Medicine</i> , 2018, 7, 125-134.	3.3	28
30	Proteomic Profiling of Native Unpassaged and Cultureâ€Expanded Mesenchymal Stromal Cells (MSC). <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 894-904.	1.5	27
31	Pericytes: A universal adult tissue stem cell?. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2012, 81A, 12-14.	1.5	25
32	The cellâ€surface proteome of cultured adipose stromal cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2015, 87, 665-674.	1.5	24
33	Adipose Stem Cell Function Maintained with Age: An Intra-Subject Study of Long-Term Cryopreserved Cells. <i>Aesthetic Surgery Journal</i> , 2017, 37, sjw197.	1.6	24
34	BOK displays cell deathâ€independent tumor suppressor activity in nonâ€smallâ€cell lung carcinoma. <i>International Journal of Cancer</i> , 2017, 141, 2050-2061.	5.1	23
35	P-GLYCOPROTEIN ACTIVITY IS DECREASED IN CD4+ BUT NOT CD8+ LUNG ALLOGRAFT-INFILTRATING T CELLS DURING ACUTE CELLULAR REJECTION. <i>Transplantation</i> , 2004, 77, 1699-1706.	1.0	21
36	Flow cytometric determination of stem/progenitor content in epithelial tissues: An example from nonsmall lung cancer and normal lung. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83A, 141-149.	1.5	20

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37	Stem cell state and the epithelial-to-mesenchymal transition: Implications for cancer therapy. <i>Journal of Clinical Pharmacology</i> , 2015, 55, 603-619.	2.0	19
38	KIT (CD117) Expression in a Subset of Non-Small Cell Lung Carcinoma (NSCLC) Patients. <i>PLoS ONE</i> , 2012, 7, e52885.	2.5	17
39	Stromal cells in health and disease. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 871-875.	1.5	16
40	Targeting the Temporal Dynamics of Hypoxia-Induced Tumor-Secreted Factors Halts Tumor Migration. <i>Cancer Research</i> , 2019, 79, 2962-2977.	0.9	16
41	Changing the Paradigm of Craniofacial Reconstruction. <i>Annals of Surgery</i> , 2021, 273, 1004-1011.	4.2	15
42	Coping with artifact in the analysis of flow cytometric data. <i>Methods</i> , 2015, 82, 3-11.	3.8	14
43	Amputation-Site Soft-Tissue Restoration Using Adipose Stem Cell Therapy. <i>Plastic and Reconstructive Surgery</i> , 2018, 142, 1349-1352.	1.4	14
44	Immunomodulatory drugs downregulate IKZF1 leading to expansion of hematopoietic progenitors with concomitant block of megakaryocytic maturation. <i>Haematologica</i> , 2018, 103, 1688-1697.	3.5	14
45	How to Fix the Dangerous Lack of Clinical Pharmacology Education in the Medical Profession: The Generation of Core Entrustable Professional Activities in Clinical Pharmacology for Entering Residency. <i>Journal of Clinical Pharmacology</i> , 2016, 56, 1177-1179.	2.0	12
46	Antibody-based cell surface proteome profiling of metastatic breast cancer primary explants and cell lines. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 448-457.	1.5	12
47	The cancer stem cell: Cell type or cell state?. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83A, 5-7.	1.5	11
48	Cytometry in stem cell research and therapy. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83A, 1-4.	1.5	9
49	Understanding Clinical Flow Cytometry. , 2008, , 181-219.		9
50	Intra-operative preparation of autologous bone marrow-derived CD34-enriched cellular products for cardiac therapy. <i>Cytotherapy</i> , 2011, 13, 441-448.	0.7	8
51	Mesenchymal stem cells, therapy, and cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83A, 8-10.	1.5	8
52	Statistical classification of multivariate flow cytometry data analyzed by manual gating: Stem, progenitor, and epithelial marker expression in nonsmall cell lung cancer and normal lung. , 2013, 83A, 150-160.		8
53	Pericytes: a Ubiquitous Source of Multipotent Adult Tissue Stem Cells. , 2014, , 135-148.		8
54	Secretome of pleural effusions associated with non-small cell lung cancer (NSCLC) and malignant mesothelioma: therapeutic implications. <i>Oncotarget</i> , 2019, 10, 6456-6465.	1.8	8

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55	The Mesenchymal State Predicts Poor Disease-Free Survival in Resectable Non-Small Cell Lung Cancer. <i>Annals of Thoracic Surgery</i> , 2017, 104, 321-328.	1.3	7
56	Flow cytometric detection of most proteins in the cell surface proteome is unaffected by trypsin treatment. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 803-810.	1.5	7
57	Localized Intra-Cavitary Therapy to Drive Systemic Anti-Tumor Immunity. <i>Frontiers in Immunology</i> , 2022, 13, 846235.	4.8	5
58	Neither epithelial nor mesenchymal circulating tumor cells isolated from breast cancer patients are tumorigenic in NOD-scid Il2rgnull mice. <i>Npj Breast Cancer</i> , 2016, 2, 16004.	5.2	4
59	Core Entrustable Professional Activities in Clinical Pharmacology for Entering Residency: Biologics. <i>Journal of Clinical Pharmacology</i> , 2017, 57, 947-955.	2.0	3
60	A depleting antibody toward sca-1 mitigates a surge of CD34+/c-kit+ progenitors and reduces vascular restenosis in a murine vascular injury model. <i>Journal of Vascular Surgery</i> , 2016, 64, 1084-1092.	1.1	2
61	Core Entrustable Professional Activities in Clinical Pharmacology for Entering Residency: Value of Interprofessional Health-Care Teams in Medication Prescribing and Medication Error Prevention. <i>Journal of Clinical Pharmacology</i> , 2018, 58, 843-848.	2.0	2
62	Cytometry Score: 23 to 4. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 259-260.	1.5	2
63	Core Entrustable Professional Activities in Clinical Pharmacology for Entering Residency: Common Problem Drugs and How to Prescribe Them. <i>Journal of Clinical Pharmacology</i> , 2019, 59, 915-922.	2.0	2
64	AAMC Discusses Monoclonal Antibody Therapeutics for SARS-CoV-2 Infection. <i>Journal of Clinical Pharmacology</i> , 2021, 61, 280-281.	2.0	2
65	The use of simultaneous confidence bands for comparison of single parameter fluorescent intensity data. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016, 89, 89-97.	1.5	1
66	Adipose Stem Cell Therapy for Amputation Site Soft Tissue Restoration. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2019, 7, 84.	0.6	1
67	IMiD® Immunomodulatory Drugs Lenalidomide and Pomalidomide Inhibit the Maturation of Megakaryocytes by Suppressing the Expression of GATA1. <i>Blood</i> , 2011, 118, 1840-1840.	1.4	1
68	Characterization of Hematopoietic and Non-Hematopoietic Stem/Progenitor Cells in Freshly Isolated Adult Human Bone Marrow Using an 8-Color Flow Cytometric Assay. <i>Blood</i> , 2007, 110, 4045-4045.	1.4	1
69	When Off-Label Prescribing Becomes Politicized: Do No Harm. <i>Journal of Clinical Pharmacology</i> , 2022, 62, 703-705.	2.0	1
70	QS142. Hematopoietic Colony-Forming Cells Derived From Mesenchymal Stem Cells Within Human Adipose Tissue. <i>Journal of Surgical Research</i> , 2008, 144, 324-325.	1.6	0
71	QS210. Adipose Derived Stem Cells: A Novel Source of Stem Cell for Bone Marrow Transplant. <i>Journal of Surgical Research</i> , 2008, 144, 350.	1.6	0
72	Isolation Of Functional Low Passage Human Mesenchymal Stem Cells. , 2012, , .		0

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73	Age-Related Changes In The Relative Expression Of Functional Genes In Mesenchymal Stem Cells. , 2012, , .		0
74	Progenitor Mechanisms of Vascular Injury in Restenosis. Journal of the American College of Surgeons, 2014, 219, S159-S160.	0.5	0
75	Therapeutic Index and the Cancer Stem Cell Paradigm. , 2009, , 309-325.		0
76	Abstract B150: Juxtacrine signaling between the tumor-associated macrophages and the breast cancer stem cells contribute to the cancer stem cell niche by inducing a cytokine signaling network. , 2016, , .		0