

# Hetty Bontkes

## List of Publications by Year in descending order

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108  
papers

3,285  
citations

126907

33  
h-index

168389

53  
g-index

109  
all docs

109  
docs citations

109  
times ranked

4137  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenotypical and Functional Characterization of Freshly Isolated Adipose Tissue-Derived Stem Cells. <i>Stem Cells and Development</i> , 2007, 16, 91-104.	2.1	273
2	Low Levels of Circulating Invariant Natural Killer T Cells Predict Poor Clinical Outcome in Patients With Head and Neck Squamous Cell Carcinoma. <i>Journal of Clinical Oncology</i> , 2007, 25, 862-868.	1.6	188
3	CD4+CD25hi regulatory T-cell frequency correlates with persistence of human papillomavirus type 16 and T helper cell responses in patients with cervical intraepithelial neoplasia. <i>International Journal of Cancer</i> , 2007, 121, 1749-1755.	5.1	134
4	Transition metal sensing by Toll-like receptor 4: next to nickel, cobalt and palladium are potent human dendritic cell stimulators. <i>Contact Dermatitis</i> , 2013, 68, 331-338.	1.4	109
5	Immune responses against human papillomavirus (HPV) type 16 virus-like particles in a cohort study of women with cervical intraepithelial neoplasia. II. Systemic but not local IgA responses correlate with clearance of HPV-16.. <i>Journal of General Virology</i> , 1999, 80, 409-417.	2.9	99
6	Specific HLA class I down-regulation is an early event in cervical dysplasia associated with clinical progression. <i>Lancet, The</i> , 1998, 351, 187-188.	13.7	95
7	HPV 16 infection and progression of cervical intra-epithelial neoplasia: Analysis of HLA polymorphism and HPV 16 E6 sequence variants. <i>International Journal of Cancer</i> , 1998, 78, 166-171.	5.1	94
8	Immunoglobulin G Responses Against Human Papillomavirus Type 16 Virus-Like Particles in a Prospective Nonintervention Cohort Study of Women With Cervical Intraepithelial Neoplasia. <i>Journal of the National Cancer Institute</i> , 1997, 89, 630-638.	6.3	83
9	Accuracy of a no-biopsy approach for the diagnosis of coeliac disease across different adult cohorts. <i>Gut</i> , 2021, 70, 876-883.	12.1	81
10	Role of immune responses in the pathogenesis of low-risk MDS and high-risk MDS: implications for immunotherapy. <i>British Journal of Haematology</i> , 2011, 153, 568-581.	2.5	80
11	Human papillomavirus type 16 E6/E7-specific cytotoxic T lymphocytes in women with cervical neoplasia. <i>International Journal of Cancer</i> , 2000, 88, 92-98.	5.1	79
12	Differential T helper cell responses to human papillomavirus type 16 E7 related to viral clearance or persistence in patients with cervical neoplasia: a longitudinal study. <i>Cancer Research</i> , 1998, 58, 1700-6.	0.9	79
13	Dendritic cells transfected with interleukin-12 and tumor-associated antigen messenger RNA induce high avidity cytotoxic T cells. <i>Gene Therapy</i> , 2007, 14, 366-375.	4.5	71
14	T Cell Proliferative Responses Against Human Papillomavirus Type 16 E7 Oncoprotein are Most Prominent in Cervical Intraepithelial Neoplasia Patients with a Persistent Viral Infection. <i>Journal of General Virology</i> , 1996, 77, 2183-2191.	2.9	61
15	Immune responses against human papillomavirus (HPV) type 16 virus-like particles in a cohort study of women with cervical intraepithelial neoplasia. I. Differential T-helper and IgG responses in relation to HPV infection and disease outcome.. <i>Journal of General Virology</i> , 1999, 80, 399-408.	2.9	57
16	Differences in cytokine mRNA profiles between premalignant and malignant lesions of the uterine cervix. <i>European Journal of Cancer</i> , 1999, 35, 490-497.	2.8	55
17	Distinct cellular immune profiles in the airways and blood of critically ill patients with COVID-19. <i>Thorax</i> , 2021, 76, 1010-1019.	5.6	53
18	Safety and efficacy of AMG 714 in patients with type 2 refractory coeliac disease: a phase 2a, randomised, double-blind, placebo-controlled, parallel-group study. <i>The Lancet Gastroenterology and Hepatology</i> , 2019, 4, 960-970.	8.1	52

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19	Cutting Edge: Rapid Recovery of NKT Cells upon Institution of Highly Active Antiretroviral Therapy for HIV-1 Infection. <i>Journal of Immunology</i> , 2006, 177, 5775-5778.	0.8	51
20	Tumor associated antigen and interleukin-12 mRNA transfected dendritic cells enhance effector function of natural killer cells and antigen specific T-cells. <i>Clinical Immunology</i> , 2008, 127, 375-384.	3.2	51
21	Optimal Strategies to Identify Aberrant Intra-Epithelial Lymphocytes in Refractory Coeliac Disease. <i>Journal of Clinical Immunology</i> , 2014, 34, 828-835.	3.8	49
22	IFN- $\gamma$ -Producing Human Invariant NKT Cells Promote Tumor-Associated Antigen-Specific Cytotoxic T Cell Responses. <i>Journal of Immunology</i> , 2008, 181, 2446-2454.	0.8	48
23	Assessment of cytotoxic T-lymphocyte phenotype using the specific markers granzyme B and TIA-1 in cervical neoplastic lesions. <i>British Journal of Cancer</i> , 1997, 76, 1353-1360.	6.4	47
24	High level of MUC1 in serum of ovarian and breast cancer patients inhibits huHMFG-1 dependent cell-mediated cytotoxicity (ADCC). <i>Cancer Letters</i> , 2007, 257, 47-55.	7.2	46
25	Quantitative analysis of mRNA-1273 COVID-19 vaccination response in immunocompromised adult hematology patients. <i>Blood Advances</i> , 2022, 6, 1537-1546.	5.2	45
26	Plasmacytoid dendritic cells are present in cervical carcinoma and become activated by human papillomavirus type 16 virus-like particles. <i>Gynecologic Oncology</i> , 2005, 96, 897-901.	1.4	43
27	Inducing Antitumor T Cell Immunity: Comparative Functional Analysis of Interstitial Versus Langerhans Dendritic Cells in a Human Cell Line Model. <i>Journal of Immunology</i> , 2008, 180, 4540-4549.	0.8	43
28	Transcriptional profiling reveals functional dichotomy between human slan <sup>+</sup> non-classical monocytes and myeloid dendritic cells. <i>Journal of Leukocyte Biology</i> , 2017, 102, 1055-1068.	3.3	40
29	The type I interferon signature in leukocyte subsets from peripheral blood of patients with early arthritis: a major contribution by granulocytes. <i>Arthritis Research and Therapy</i> , 2016, 18, 165.	3.5	38
30	Human papillomavirus type 16 E2-specific T-helper lymphocyte responses in patients with cervical intraepithelial neoplasia. <i>Journal of General Virology</i> , 1999, 80, 2453-2459.	2.9	36
31	Azacitidine differentially affects CD4 <sup>pos</sup> T-cell polarization in vitro and in vivo in high risk myelodysplastic syndromes. <i>Leukemia Research</i> , 2012, 36, 921-930.	0.8	34
32	Apoptotic blebs from leukemic cells as a preferred source of tumor-associated antigen for dendritic cell-based vaccines. <i>Cancer Immunology, Immunotherapy</i> , 2014, 63, 335-345.	4.2	34
33	Frequencies and clinical associations of myositis-related antibodies in The Netherlands: A one-year survey of all Dutch patients. <i>Journal of Translational Autoimmunity</i> , 2019, 2, 100013.	4.0	34
34	Expansion of dendritic cell precursors from human CD34 <sup>(+)</sup> progenitor cells isolated from healthy donor blood; growth factor combination determines proliferation rate and functional outcome. <i>Journal of Leukocyte Biology</i> , 2002, 72, 321-9.	3.3	34
35	A retrospective study on titanium sensitivity: Patch test materials and manifestations. <i>Contact Dermatitis</i> , 2018, 79, 85-90.	1.4	33
36	Invariant natural killer T cells and immunotherapy of cancer. <i>Clinical Immunology</i> , 2008, 129, 182-194.	3.2	32

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37	Effector memory T cell frequencies in relation to tumour stage, location and HPV status in HNSCC patients. <i>Oral Diseases</i> , 2013, 19, 577-584.	3.0	32
38	Expression of CD3- $\beta$ on T-cells in primary cervical carcinoma and in metastasis-positive and -negative pelvic lymph nodes. <i>British Journal of Cancer</i> , 1999, 79, 1127-1132.	6.4	31
39	Outcome of Referrals for Non-Responsive Celiac Disease in a Tertiary Center: Low Incidence of Refractory Celiac Disease in the Netherlands. <i>Clinical and Translational Gastroenterology</i> , 2017, 8, e218.	2.5	30
40	IgG Subclass Response to <i>Helicobacter pylori</i> in Patients with Chronic Active Gastritis and Duodenal Ulcer. <i>Scandinavian Journal of Gastroenterology</i> , 1992, 27, 129-133.	1.5	29
41	Seroprevalence of celiac disease in patients with autoimmune hepatitis. <i>European Journal of Gastroenterology and Hepatology</i> , 2014, 26, 1104-1107.	1.6	29
42	Changes in peripheral blood lymphocyte subsets during arthritis development in arthralgia patients. <i>Arthritis Research and Therapy</i> , 2016, 18, 205.	3.5	26
43	Analysis of IgG reactivity against human papillomavirus type-16 E7 in patients with cervical intraepithelial neoplasm indicates an association with clearance of viral infection: results of a prospective study. , 1996, 68, 731-738.		25
44	Lymphoma development and survival in refractory coeliac disease type II: Histological response as prognostic factor. <i>United European Gastroenterology Journal</i> , 2017, 5, 208-217.	3.8	25
45	Toll-like receptor agonists and invariant natural killer T-cells enhance antibody-dependent cell-mediated cytotoxicity (ADCC). <i>Cancer Letters</i> , 2008, 272, 70-76.	7.2	24
46	Attenuation of invariant Natural Killer T-cell anergy induction through intradermal delivery of $\beta$ -galactosylceramide. <i>Clinical Immunology</i> , 2010, 136, 364-374.	3.2	24
47	Gamma-Delta T Lymphocytes in the Diagnostic Approach of Coeliac Disease. <i>Journal of Clinical Gastroenterology</i> , 2019, 53, e208-e213.	2.2	24
48	Enrichment of CCR6 <sup>+</sup> CD8 <sup>+</sup> T cells and CCL20 in the lungs of mechanically ventilated patients with COVID-19. <i>European Journal of Immunology</i> , 2021, 51, 1535-1538.	2.9	24
49	Recent advances in antigen-loaded dendritic cell-based strategies for treatment of minimal residual disease in acute myeloid leukemia. <i>Immunotherapy</i> , 2010, 2, 69-83.	2.0	22
50	Survival, Retention, and Selective Proliferation of Lymphocytes Is Mediated by Gingival Fibroblasts. <i>Frontiers in Immunology</i> , 2018, 9, 1725.	4.8	21
51	Human papillomavirus type 16 E6/E7-specific cytotoxic T lymphocytes in women with cervical neoplasia. <i>International Journal of Cancer</i> , 2000, 88, 92-8.	5.1	21
52	B cell signature contributes to the prediction of RA development in patients with arthralgia. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1786-1788.	0.9	19
53	Decreased circulating iNKT cell numbers in refractory coeliac disease. <i>Clinical Immunology</i> , 2008, 126, 172-179.	3.2	18
54	Innate stimulatory capacity of high molecular weight transition metals Au (gold) and Hg (mercury). <i>Toxicology in Vitro</i> , 2015, 29, 363-369.	2.4	18

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55	Constitutively Active STAT5b Induces Cytokine-Independent Growth of the Acute Myeloid Leukemia-Derived MUTZ-3 Cell Line and Accelerates Its Differentiation Into Mature Dendritic Cells. <i>Journal of Immunotherapy</i> , 2006, 29, 188-200.	2.4	17
56	Dendritic cells in myelodysplastic syndromes: from pathogenesis to immunotherapy. <i>Immunotherapy</i> , 2013, 5, 621-637.	2.0	17
57	Human Bone Marrow-Derived Myeloid Dendritic Cells Show an Immature Transcriptional and Functional Profile Compared to Their Peripheral Blood Counterparts and Separate from Slan+ Non-Classical Monocytes. <i>Frontiers in Immunology</i> , 2018, 9, 1619.	4.8	16
58	Generation and sustained expansion of mouse spleen invariant NKT cell lines with preserved cytokine releasing capacity. <i>Journal of Immunological Methods</i> , 2007, 322, 70-81.	1.4	15
59	Priming of PRAME- and WT1-specific CD8 <sup>+</sup> T cells in healthy donors but not in AML patients in complete remission. <i>Oncolmmunology</i> , 2013, 2, e23971.	4.6	15
60	Screening for coeliac disease in adult patients with type 1 diabetes mellitus: myths, facts and controversy. <i>Diabetology and Metabolic Syndrome</i> , 2016, 8, 51.	2.7	15
61	Increased IgA Glycoprotein-2 Specific Antibody Titres in Refractory Celiac Disease. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2020, 23, 127-133.	0.9	15
62	Targeting Toll-like receptor 7/8 enhances uptake of apoptotic leukemic cells by monocyte-derived dendritic cells but interferes with subsequent cytokine-induced maturation. <i>Cancer Immunology, Immunotherapy</i> , 2011, 60, 37-47.	4.2	14
63	Effects of physical exercise on natural killer cell activity during (neo)adjuvant chemotherapy: A randomized pilot study. <i>Physiological Reports</i> , 2021, 9, e14919.	1.7	13
64	Chronically stimulated mouse invariant NKT cell lines have a preserved capacity to enhance protection against experimental tumor metastases. <i>Immunology Letters</i> , 2008, 118, 36-43.	2.5	12
65	Exploring dendritic cell based vaccines targeting survivin for the treatment of head and neck cancer patients. <i>Journal of Translational Medicine</i> , 2013, 11, 152.	4.4	12
66	Differential capacity of human interleukin-4 and interferon- $\gamma$ monocyte-derived dendritic cells for cross-presentation of free versus cell-associated antigen. <i>Cancer Immunology, Immunotherapy</i> , 2015, 64, 1419-1427.	4.2	12
67	Multiple confounders influence the association between low-grade systemic inflammation and musculoskeletal pain. A call for a prudent interpretation of the literature. <i>Spine Journal</i> , 2018, 18, 2162-2163.	1.3	12
68	In vitro expanded human invariant natural killer T-cells promote functional activity of natural killer cells. <i>Clinical Immunology</i> , 2008, 129, 145-154.	3.2	11
69	Self-reported oral health and xerostomia in adult patients with celiac disease versus a comparison group. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2017, 124, 152-156.	0.4	11
70	Increased cytotoxic capacity of tumor antigen specific human T cells after in vitro stimulation with IL21 producing dendritic cells. <i>Human Immunology</i> , 2013, 74, 506-513.	2.4	10
71	Interleukin-12 Increases Proliferation and Interferon- $\gamma$ Production but Not Cytolytic Activity of Human Antigen-Specific Effector Memory Cytotoxic T Lymphocytes: Power of the Effect Depends on the Functional Avidity of the T Cell and the Antigen Concentration. <i>Human Immunology</i> , 2005, 66, 1137-1145.	2.4	9
72	Novel variant of EATL evolving from mucosal $\alpha\beta$ -T-cells in a patient with type I RCD. <i>BMJ Open Gastroenterology</i> , 2015, 2, e000026.	2.7	9

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73	Immune-mediated enteropathies: From bench to bedside. <i>Journal of Autoimmunity</i> , 2021, 118, 102609.	6.5	9
74	Differential indirect activation of human invariant natural killer T cells by Toll-like receptor agonists. <i>Immunotherapy</i> , 2009, 1, 557-570.	2.0	9
75	Chronic myeloid leukemia lysate-loaded dendritic cells induce T-cell responses towards leukemia progenitor cells. <i>Immunotherapy</i> , 2011, 3, 569-576.	2.0	8
76	Targeting the acute myeloid leukemic stem cell compartment by enhancing tumor cell-based vaccines. <i>Immunotherapy</i> , 2013, 5, 859-868.	2.0	8
77	Differential IL-13 Production by Small Intestinal Leukocytes in Active Coeliac Disease versus Refractory Coeliac Disease. <i>Mediators of Inflammation</i> , 2013, 2013, 1-8.	3.0	8
78	Non-heat inactivated autologous serum increases accuracy of in vitro CFSE lymphocyte proliferation test (LPT) for nickel. <i>Clinical and Experimental Allergy</i> , 2020, 50, 722-732.	2.9	8
79	Adult-Onset Autoimmune Enteropathy in an European Tertiary Referral Center. <i>Clinical and Translational Gastroenterology</i> , 2021, 12, e00387.	2.5	8
80	Administration of anti-CD25 mAb leads to impaired $\alpha$ -galactosylceramide-mediated induction of IFN- $\gamma$ production in a murine model. <i>Immunobiology</i> , 2013, 218, 851-859.	1.9	7
81	The impact of the COVID-19 pandemic on autoimmune diagnostics in Europe: A lesson to be learned. <i>Autoimmunity Reviews</i> , 2021, 20, 102985.	5.8	7
82	High susceptibility of c-KIT+CD34+ precursors to prolonged doxorubicin exposure interferes with Langerhans cell differentiation in a human cell line model. <i>Cancer Immunology, Immunotherapy</i> , 2011, 60, 943-951.	4.2	6
83	In situ loading of skin dendritic cells with apoptotic bleb-derived antigens for the induction of tumor-directed immunity. <i>Onc Immunology</i> , 2014, 3, e946360.	4.6	5
84	Serum autoantibodies directed against transglutaminase-2 have a low avidity compared with alloantibodies against gliadin in coeliac disease. <i>Clinical and Experimental Immunology</i> , 2014, 177, 86-93.	2.6	5
85	Antigen Gene Transfer to Human Plasmacytoid Dendritic Cells Using Recombinant Adenovirus and Vaccinia Virus Vectors. <i>Analytical Cellular Pathology</i> , 2005, 27, 175-182.	1.4	5
86	Antibody titers against food antigens decrease upon a gluten-free diet, but are not useful for the follow-up of (refractory) celiac disease. <i>European Journal of Gastroenterology and Hepatology</i> , 2013, 25, 516-518.	1.6	4
87	Metal ions potentiate microglia responsiveness to endotoxin. <i>Journal of Neuroimmunology</i> , 2016, 291, 89-95.	2.3	4
88	High myeloid-derived suppressor cell frequencies in the duodenum are associated with enteropathy associated T-cell lymphoma and its precursor lesions. <i>British Journal of Haematology</i> , 2017, 178, 988-991.	2.5	4
89	The effects of systemic treatment with aminobisphosphonates and statins on circulating V $\beta$ 9V $\alpha$ 2-T cells in patients with advanced cancer. <i>Immunobiology</i> , 2018, 223, 171-177.	1.9	4
90	Patch test-relevant concentrations of metal salts cause localized cytotoxicity, including apoptosis, in skin ex vivo. <i>Contact Dermatitis</i> , 2021, 85, 531-542.	1.4	4

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91	Preliminary Notes on Equine Tissue Transglutaminase Serology and A Case of Equine Gluten-Sensitive Enteropathy and Dermatitis in an 11-Year-Old Dutch Warmblood Horse. <i>Journal of Equine Veterinary Science</i> , 2020, 90, 102999.	0.9	3
92	Procedures for the expansion of CD14+precursors from acute myeloid leukemic cells to facilitate dendritic cell-based immunotherapy. <i>Immunotherapy</i> , 2013, 5, 1183-1190.	2.0	2
93	HLA-DQ Typing Kits in Diagnosis and Screening for Celiac Disease. <i>Genetic Testing and Molecular Biomarkers</i> , 2019, 23, 418-422.	0.7	2
94	Expansion of AML Blasts Induces CD14 Expression and Facilitates Leukemic DC Development for Therapeutic Application In AML. <i>Blood</i> , 2010, 116, 2193-2193.	1.4	2
95	Neuroimmune responses following joint mobilisation and manipulation in people with persistent neck pain: a protocol for a randomised placebo-controlled trial. <i>BMJ Open</i> , 2022, 12, e055748.	1.9	2
96	A Human Cell Line Model for Interferon- $\gamma$ Driven Dendritic Cell Differentiation. <i>PLoS ONE</i> , 2015, 10, e0135219.	2.5	1
97	Clinical Trials with $\alpha$ -Galactosylceramide (KRN7000) in Advanced Cancer. , 2012, , 169-183.		1
98	Pre-analytical sample handling effects on blood cytokine levels: quality control of a COVID-19 biobank. <i>Biomarkers in Medicine</i> , 2021, 15, 987-997.	1.4	1
99	A tandem approach of tTGA testing: A new approach for celiac disease screening. <i>Indian Journal of Gastroenterology</i> , 2017, 36, 443-444.	1.4	0
100	Comparative Analysis of CD8+ t Cell Priming Efficiencies against a Panel of Leukemia-Associated HLA-A2 Restricted Epitopes Identifies PRAME as a Possible Vaccination Target in AML. <i>Blood</i> , 2008, 112, 5441-5441.	1.4	0
101	Maturation by Toll Like Receptor Ligand R848 Improves the Uptake of Apoptotic Leukemic Cells by Monocyte Derived Dendritic Cells.. <i>Blood</i> , 2009, 114, 2075-2075.	1.4	0
102	Functional PRAME Specific T Cells Can Be Cultured From CD8+ Cells From Healthy Donors but Not From Patients at First CR: Implications for Immunotherapeutic Strategies in AML.. <i>Blood</i> , 2009, 114, 4139-4139.	1.4	0
103	A Dendritic Cell Based Vaccination Strategy Geared towards Eradication of Leukemic Stem Cells.. <i>Blood</i> , 2009, 114, 2046-2046.	1.4	0
104	Immunomodulatory Effects of Azacitidine Treatment In High Risk Myelodysplastic Syndrome. <i>Blood</i> , 2010, 116, 1860-1860.	1.4	0
105	Apoptotic Blebs From Leukemic Cells as a Source of Tumor Associated Antigen for Monocyte-Derived Dendritic Cell Loading. <i>Blood</i> , 2010, 116, 3283-3283.	1.4	0
106	Azacitidine Induces A Shift In Th1/Th17 Ratio and FoxP3 Expression In Anti-CD3 Stimulated CD4+ T-Cells; Implications for the Treatment of Myelodysplastic Syndromes. <i>Blood</i> , 2010, 116, 4026-4026.	1.4	0
107	Dendritic Cell Subsets in Bone Marrow and Peripheral Blood of Patients with Myelodysplastic Syndromes Display Numeric and Functional Defects. <i>Blood</i> , 2015, 126, 4109-4109.	1.4	0
108	MO663: No Translocation of Intact Intestinal Bacteria During Intermittent Dialysis Therapies. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, .	0.7	0