

# Joannes F M Jacobs

## List of Publications by Citations

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73  
papers

3,077  
citations

27  
h-index

55  
g-index

76  
ext. papers

3,521  
ext. citations

7.2  
avg, IF

4.74  
L-index

#	Paper	IF	Citations
73	PD-1 blockade augments Th1 and Th17 and suppresses Th2 responses in peripheral blood from patients with prostate and advanced melanoma cancer. <i>Journal of Immunotherapy</i> , <b>2012</b> , 35, 169-78	5	203
72	Dendritic cell vaccination in combination with anti-CD25 monoclonal antibody treatment: a phase I/II study in metastatic melanoma patients. <i>Clinical Cancer Research</i> , <b>2010</b> , 16, 5067-78	12.9	185
71	Regulatory T cells in melanoma: the final hurdle towards effective immunotherapy?. <i>Lancet Oncology, The</i> , <b>2012</b> , 13, e32-42	21.7	174
70	Regulatory T cells and the PD-L1/PD-1 pathway mediate immune suppression in malignant human brain tumors. <i>Neuro-Oncology</i> , <b>2009</b> , 11, 394-402	1	164
69	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> , <b>2009</b> , 15, 2531-40	12.9	152
68	Prognostic significance and mechanism of Treg infiltration in human brain tumors. <i>Journal of Neuroimmunology</i> , <b>2010</b> , 225, 195-9	3.5	152
67	Effective Clinical Responses in Metastatic Melanoma Patients after Vaccination with Primary Myeloid Dendritic Cells. <i>Clinical Cancer Research</i> , <b>2016</b> , 22, 2155-66	12.9	151
66	Route of administration modulates the induction of dendritic cell vaccine-induced antigen-specific T cells in advanced melanoma patients. <i>Clinical Cancer Research</i> , <b>2011</b> , 17, 5725-35	12.9	138
65	Targeting CD4(+) T-helper cells improves the induction of antitumor responses in dendritic cell-based vaccination. <i>Cancer Research</i> , <b>2013</b> , 73, 19-29	10.1	120
64	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> , <b>2008</b> , 57, 1589-97	7.4	119
63	Sorafenib reduces the percentage of tumour infiltrating regulatory T cells in renal cell carcinoma patients. <i>International Journal of Cancer</i> , <b>2011</b> , 129, 507-12	7.5	110
62	Monitoring multiple myeloma patients treated with daratumumab: teasing out monoclonal antibody interference. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2016</b> , 54, 1095-104	5.9	87
61	Toll-like receptor signalling on Tregs: to suppress or not to suppress?. <i>Immunology</i> , <b>2008</b> , 124, 445-52	7.8	81
60	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> , <b>2012</b> , 18, 5460-70	12.7	75
59	Elimination of regulatory T cells is essential for an effective vaccination with tumor lysate-pulsed dendritic cells in a murine glioma model. <i>International Journal of Cancer</i> , <b>2008</b> , 122, 1794-802	7.5	71
58	Single-cell analysis reveals that stochasticity and paracrine signaling control interferon-alpha production by plasmacytoid dendritic cells. <i>Nature Communications</i> , <b>2018</b> , 9, 3317	17.4	68
57	Frequency of circulating Tregs with demethylated FOXP3 intron 1 in melanoma patients receiving tumor vaccines and potentially Treg-depleting agents. <i>Clinical Cancer Research</i> , <b>2011</b> , 17, 841-8	12.9	68

56	Cancer-germline gene expression in pediatric solid tumors using quantitative real-time PCR. <i>International Journal of Cancer</i> , <b>2007</b> , 120, 67-74	7.5	67
55	Anaphylaxis from passive transfer of peanut allergen in a blood product. <i>New England Journal of Medicine</i> , <b>2011</b> , 364, 1981-2	59.2	56
54	Early identification of antigen-specific immune responses in vivo by [18F]-labeled 3Sfluoro-3Sdeoxy-thymidine ([18F]FLT) PET imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 18396-9	11.5	56
53	Interference of daratumumab in monitoring multiple myeloma patients using serum immunofixation electrophoresis can be abrogated using the daratumumab IFE reflex assay (DIRA). <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2016</b> , 54, 1105-9	5.9	54
52	Antigen excess in modern immunoassays: to anticipate on the unexpected. <i>Autoimmunity Reviews</i> , <b>2015</b> , 14, 160-7	13.6	44
51	Intranodal vaccination with mRNA-optimized dendritic cells in metastatic melanoma patients. <i>Oncolmmunology</i> , <b>2015</b> , 4, e1019197	7.2	43
50	Skin-test infiltrating lymphocytes early predict clinical outcome of dendritic cell-based vaccination in metastatic melanoma. <i>Cancer Research</i> , <b>2012</b> , 72, 6102-10	10.1	42
49	Long-lasting multifunctional CD8 T cell responses in end-stage melanoma patients can be induced by dendritic cell vaccination. <i>Oncolmmunology</i> , <b>2016</b> , 5, e1067745	7.2	37
48	The role of interleukin-1 beta in the pathophysiology of Schnitzler's syndrome. <i>Arthritis Research and Therapy</i> , <b>2015</b> , 17, 187	5.7	32
47	Overestimation of serum kappa free light chain concentration by immunonephelometry. <i>Clinical Chemistry</i> , <b>2010</b> , 56, 1188-90	5.5	29
46	Development of a Targeted Mass-Spectrometry Serum Assay To Quantify M-Protein in the Presence of Therapeutic Monoclonal Antibodies. <i>Journal of Proteome Research</i> , <b>2018</b> , 17, 1326-1333	5.6	25
45	Vaccine-specific local T cell reactivity in immunotherapy-associated vitiligo in melanoma patients. <i>Cancer Immunology, Immunotherapy</i> , <b>2009</b> , 58, 145-51	7.4	25
44	Cancer patients treated with sunitinib or sorafenib have sufficient antibody and cellular immune responses to warrant influenza vaccination. <i>Clinical Cancer Research</i> , <b>2011</b> , 17, 4541-9	12.9	24
43	Selective cancer-germline gene expression in pediatric brain tumors. <i>Journal of Neuro-Oncology</i> , <b>2008</b> , 88, 273-80	4.8	24
42	N Latex FLC serum free light-chain assays in patients with renal impairment. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2014</b> , 52, 853-9	5.9	23
41	Humoral anti-KLH responses in cancer patients treated with dendritic cell-based immunotherapy are dictated by different vaccination parameters. <i>Cancer Immunology, Immunotherapy</i> , <b>2012</b> , 61, 2003-11	7.4	23
40	Relatively restricted migration of polyclonal IgG4 may mimic a monoclonal gammopathy in IgG4-related disease. <i>American Journal of Clinical Pathology</i> , <b>2014</b> , 142, 76-81	1.9	22
39	Regulation of MYCN expression in human neuroblastoma cells. <i>BMC Cancer</i> , <b>2009</b> , 9, 239	4.8	22

38	Quantitative measurement of immunoglobulins and free light chains using mass spectrometry. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 8268-74	7.8	19
37	Development of a rapid and quantitative lateral flow assay for the simultaneous measurement of serum $\kappa$ and $\lambda$ immunoglobulin free light chains (FLC): inception of a new near-patient FLC screening tool. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2017</b> , 55, 424-434	5.9	18
36	Fast, robust and high-resolution glycosylation profiling of intact monoclonal IgG antibodies using nanoLC-chip-QTOF. <i>Clinica Chimica Acta</i> , <b>2016</b> , 461, 90-7	6.2	18
35	An international multi-center serum protein electrophoresis accuracy and M-protein isotyping study. Part I: factors impacting limit of quantitation of serum protein electrophoresis. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2020</b> , 58, 533-546	5.9	17
34	An international multi-center serum protein electrophoresis accuracy and M-protein isotyping study. Part II: limit of detection and follow-up of patients with small M-proteins. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2020</b> , 58, 547-559	5.9	17
33	Effect of sample dilution on two free light chain nephelometric assays. <i>Clinica Chimica Acta</i> , <b>2012</b> , 413, 1708-9	6.2	17
32	Recognition and management of common, rare, and novel serum protein electrophoresis and immunofixation interferences. <i>Clinical Biochemistry</i> , <b>2018</b> , 51, 72-79	3.5	16
31	Evaluation of a new free light chain ELISA assay: bringing coherence with electrophoretic methods. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2018</b> , 56, 312-322	5.9	15
30	Simultaneous Presence of Non- and Highly Mutated Keyhole Limpet Hemocyanin (KLH)-Specific Plasmablasts Early after Primary KLH Immunization Suggests Cross-Reactive Memory B Cell Activation. <i>Journal of Immunology</i> , <b>2018</b> , 200, 3981-3992	5.3	12
29	Changes in peripheral immune cell numbers and functions in octogenarian walkers - an acute exercise study. <i>Immunity and Ageing</i> , <b>2017</b> , 14, 5	9.7	11
28	Anti-SSA antibodies are present in immunoglobulin preparations. <i>Transfusion</i> , <b>2015</b> , 55, 832-7	2.9	11
27	Monitoring of dynamic changes in Keyhole Limpet Hemocyanin (KLH)-specific B cells in KLH-vaccinated cancer patients. <i>Scientific Reports</i> , <b>2017</b> , 7, 43486	4.9	10
26	Method comparison of four clinically available assays for serum free light chain analysis. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2019</b> , 58, 85-94	5.9	10
25	Phenotypic and functional characterization of mature dendritic cells from pediatric cancer patients. <i>Pediatric Blood and Cancer</i> , <b>2007</b> , 49, 924-7	3	9
24	Reference ranges of the Sebia free light chain ratio in patients with chronic kidney disease. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2018</b> , 56, e232-e234	5.9	8
23	Integrating Serum Protein Electrophoresis with Mass Spectrometry, A New Workflow for M-Protein Detection and Quantification. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 2845-2853	5.6	7
22	Plasma therapy leads to an increase in functional IgA and IgM concentration in the blood and saliva of a patient with X-linked agammaglobulinemia. <i>Journal of Translational Medicine</i> , <b>2019</b> , 17, 174	8.5	5
21	Severe exacerbation of Crohn's disease during sunitinib treatment. <i>European Journal of Gastroenterology and Hepatology</i> , <b>2014</b> , 26, 234-6	2.2	5

20	Assessment of serum free light chain levels in healthy adults immediately after marathon running. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2016</b> , 54, 459-65	5.9	4
19	The Role of FcRn in the Pharmacokinetics of Biologics in Patients With Multiple Myeloma. <i>Clinical Pharmacology and Therapeutics</i> , <b>2017</b> , 102, 903-904	6.1	4
18	Clone-directed therapy for proliferative glomerulonephritis with monoclonal immunoglobulin depositions: is it always necessary? : Two case reports and literature review. <i>Journal of Nephrology</i> , <b>2020</b> , 33, 611-617	4.8	4
17	Analytical validation of the Hevylite assays for M-protein quantification. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2018</b> , 56, 1169-1175	5.9	3
16	Early predictive value of multifunctional skin-infiltrating lymphocytes in anticancer immunotherapy. <i>Oncolmunology</i> , <b>2014</b> , 3, e27219	7.2	3
15	The impact of exercise on the variation of serum free light chains. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2014</b> , 52, e239-42	5.9	3
14	Cerebrospinal Fluid Penetrance of Daratumumab in Leptomeningeal Multiple Myeloma. <i>HemaSphere</i> , <b>2020</b> , 4, e413	0.3	3
13	Allogeneic and autologous serum eye drops: a pilot double-blind randomized crossover trial. <i>Acta Ophthalmologica</i> , <b>2021</b> , 99, 837-842	3.7	3
12	Multiple Myeloma Minimal Residual Disease Detection: Targeted Mass Spectrometry in Blood vs Next-Generation Sequencing in Bone Marrow. <i>Clinical Chemistry</i> , <b>2021</b> , 67, 1689-1698	5.5	3
11	Broad Bands Observed in Serum Electrophoresis Should Not Be Taken. <i>Clinical Chemistry</i> , <b>2019</b> , 65, 618-621	5.5	2
10	Clonotypic Features of Rearranged Immunoglobulin Genes Yield Personalized Biomarkers for Minimal Residual Disease Monitoring in Multiple Myeloma. <i>Clinical Chemistry</i> , <b>2021</b> , 67, 867-875	5.5	2
9	Dendritic Cells as Vaccines: Key Regulators of Tolerance and Immunity. <i>Mediators of Inflammation</i> , <b>2016</b> , 2016, 5789725	4.3	2
8	Response to: Interference of daratumumab on the serum protein electrophoresis. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2017</b> , 55, e29-e30	5.9	1
7	Humoral and cellular immune responses after influenza vaccination in patients with postcancer fatigue. <i>Human Vaccines and Immunotherapeutics</i> , <b>2015</b> , 11, 1634-40	4.4	1
6	Detecting only light chains, now what?. <i>Clinical Chemistry</i> , <b>2010</b> , 56, 1368	5.5	1
5	Minimal Residual Disease in Multiple Myeloma: Targeted Mass Spectrometry in Blood Vs Next Generation Sequencing in Bone Marrow. <i>Blood</i> , <b>2020</b> , 136, 9-9	2.2	1
4	FLC polymerization: Another hurdle towards standardization of FLC measurements. <i>Clinica Chimica Acta</i> , <b>2021</b> , 515, 42-43	6.2	1
3	Monitoring the M-protein of multiple myeloma patients treated with a combination of monoclonal antibodies: the laboratory solution to eliminate interference. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2021</b> , 59, 1963-1971	5.9	1

- 2 External quality assessment of M-protein diagnostics: a realistic impression of the accuracy and precision of M-protein quantification. *Clinical Chemistry and Laboratory Medicine*, **2021**, 59, 1063-1068 5.9 1
- 1 Reply to Berlanga et al. (DOI 10.1515/cclm-2014-0420). *Clinical Chemistry and Laboratory Medicine*, **2014**, 52, e247-8 5.9