

David Barnett

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,159
citations

279778
23
h-index

289230
40
g-index

50
all docs

50
docs citations

50
times ranked

2867
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of plasma cell myeloma minimal residual disease testing by flow cytometry in an international interlaboratory study: Is it ready for primetime use?. Cytometry Part B - Clinical Cytometry, 2019, 96, 201-208.	1.5	15
2	Laboratory Accuracy Improvement in the UK NEQAS Leucocyte Immunophenotyping Immune Monitoring Program: An Eleven-Year Review via Longitudinal Mixed Effects Modeling. Cytometry Part B - Clinical Cytometry, 2018, 94, 250-256.	1.5	12
3	Current international flow cytometric practices for the detection and monitoring of paroxysmal nocturnal haemoglobinuria clones: A UK NEQAS survey. Cytometry Part B - Clinical Cytometry, 2017, 92, 266-274.	1.5	10
4	Measurement of <i>BCR-ABL1</i> by RT-qPCR in chronic myeloid leukaemia: findings from an International EQA Programme. British Journal of Haematology, 2017, 177, 414-422.	2.5	16
5	Lineage-specific chimerism monitoring after allogeneic haematopoietic stem cell transplantation: do we really know what we are measuring?. British Journal of Haematology, 2017, 176, 139-141.	2.5	2
6	Flow cytometry quality requirements for monitoring of minimal disease in plasma cell myeloma. Cytometry Part B - Clinical Cytometry, 2016, 90, 40-46.	1.5	22
7	CD4 Enumeration Technologies: A Systematic Review of Test Performance for Determining Eligibility for Antiretroviral Therapy. PLoS ONE, 2015, 10, e0115019.	2.5	28
8	Monitoring of chimerism following allogeneic haematopoietic stem cell transplantation (<scp>HSCT</scp>): Technical recommendations for the use of Short Tandem Repeat (<scp>STR</scp>) based techniques, on behalf of the United Kingdom National External Quality Assessment Service for Leucocyte Immunophenotyping Chimerism Working Group. British Journal of Haematology, 2015, 168, 26-37.	2.5	120
9	Systematic Review of the Performance of HIV Viral Load Technologies on Plasma Samples. PLoS ONE, 2014, 9, e85869.	2.5	47
10	Systematic Review of the Use of Dried Blood Spots for Monitoring HIV Viral Load and for Early Infant Diagnosis. PLoS ONE, 2014, 9, e86461.	2.5	111
11	Flow cytometry detection of minimal residual disease in multiple myeloma: Lessons learned at FDA-NCI roundtable symposium. American Journal of Hematology, 2014, 89, 1159-1160.	4.1	52
12	Standardizing leucocyte PNH clone detection: An international study. , 2014, 86, 311-318.		12
13	Standardizing Leucocyte PNH clone detection: An international study. , 2014, , n/a-n/a.		17
14	Comparison of methodological data measurement limits in CD4 ⁺ T lymphocyte flow cytometric enumeration and their clinical impact on HIV management. Cytometry Part B - Clinical Cytometry, 2013, 84B, 248-254.	1.5	18
15	Validation of cell-based fluorescence assays: Practice guidelines from the ICSH and ICCS - part IV - postanalytic considerations. Cytometry Part B - Clinical Cytometry, 2013, 84, 309-314.	1.5	47
16	Accreditation of flow cytometry in Europe. Cytometry Part B - Clinical Cytometry, 2013, 84B, 135-142.	1.5	36
17	Validation of cell-based fluorescence assays: Practice guidelines from the ICSH and ICCS - part I - rationale and aims. , 2013, 84, 282-285.		48
18	ISHAGE protocol: Are we doing it correctly?. Cytometry Part B - Clinical Cytometry, 2012, 82B, 9-17.	1.5	51

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19	VERITAS?: A Time for VERIQASâ„¢ and a new approach to training, education, and the quality assessment of CD4+ T lymphocyte counting (I). , 2012, 82B, 93-100.		5
20	Flow cytometric profiles, biomolecular and morphological aspects of transfixed leukocytes and red cells. Cytometry Part B - Clinical Cytometry, 2010, 78B, 267-278.	1.5	14
21	Establishment and validation of a standard protocol for the detection of minimal residual disease in B lineage childhood acute lymphoblastic leukemia by flow cytometry in a multi-center setting;. Haematologica, 2009, 94, 870-874.	3.5	90
22	Development and evaluation of a stabilized wholeâ€blood preparation as a process control material for screening of paroxysmal nocturnal hemoglobinuria by flow cytometry. Cytometry Part B - Clinical Cytometry, 2009, 76B, 47-55.	1.5	35
23	Evaluation of the Blood Stabilizers TransFixâ„¢ and Cyto-Chex [®] BCT for Low-Cost CD4 T-Cell Methodologies. Viral Immunology, 2009, 22, 329-332.	1.3	12
24	Longâ€term stabilized blood samples as controls for flow cytometric HLAâ€B27 screening: A feasibility study. Cytometry Part B - Clinical Cytometry, 2008, 74B, 169-181.	1.5	3
25	CD4 immunophenotyping in HIV infection. Nature Reviews Microbiology, 2008, 6, S7-S15.	28.6	57
26	Quality Control in Flow Cytometry. , 2007, , 113-131.		4
27	The Role of Flow Cytometry in the Diagnosis of Paroxysmal Nocturnal Hemoglobinuria in the Clinical Laboratory. Clinics in Laboratory Medicine, 2007, 27, 577-590.	1.4	40
28	2006 Bethesda International Consensus recommendations on the immunophenotypic analysis of hematolymphoid neoplasia by flow cytometry: Optimal reagents and reporting for the flow cytometric diagnosis of hematopoietic neoplasia. Cytometry Part B - Clinical Cytometry, 2007, 72B, S14-S22.	1.5	194
29	Flow Rate Calibration for Absolute Cell Counting Rationale and Design. Current Protocols in Cytometry, 2006, 36, Unit6.24.	3.7	3
30	Flow rate calibration. III. The use of stabilized biostandards to calibrate the flow rate and calculate absolute CD4+ T-cell counts. Cytometry Part B - Clinical Cytometry, 2006, 70B, 154-162.	1.5	8
31	Multicentre evaluation of stable reference whole blood for enumeration of lymphocyte subsets by flow cytometry. Cytometry Part B - Clinical Cytometry, 2006, , .	1.5	3
32	Inhibitors Directed towards Caspase-1 and -3 Are Less Effective than Pan Caspase Inhibition in Preventing Renal Proximal Tubular Cell Apoptosis. Nephron Experimental Nephrology, 2004, 96, e39-e51.	2.2	27
33	Perfect count: A novel approach for the single platform enumeration of absolute CD4+ T-lymphocytes. Cytometry, 2004, 57B, 47-52.	1.8	19
34	Enumeration of antigen-specific CD8+T lymphocytes by single-platform, HLA tetramer-based flow cytometry: A European multicenter evaluation. , 2004, 62B, 1-13.		19
35	Flow rate calibration II: A clinical evaluation study using PanLeucoGating as a single-platform protocol. Cytometry, 2003, 55B, 8-13.	1.8	23
36	Flow rate calibration I: A novel approach for performing absolute cell counts. Cytometry, 2003, 55B, 1-7.	1.8	29

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37	Stabilised cellular immuno-fluorescence assay: CD45 expression as a calibration standard for human leukocytes. Journal of Immunological Methods, 2002, 266, 19-32.	1.4	35
38	CD45-assisted PanLeucogating for accurate, cost-effective dual-platform CD4+ T-cell enumeration. Cytometry, 2002, 50, 69-77.	1.8	139
39	Precise CD4 T-cell counting using red diode laser excitation: For richer, for poorer. Cytometry, 2002, 50, 78-85.	1.8	43
40	Reduction of variation in T-cell subset enumeration among 55 laboratories using single-platform, three or four-color flow cytometry based on CD45 and SSC-based gating of lymphocytes. Cytometry, 2002, 50, 92-101.	1.8	44
41	Quality control of CD4+ T-lymphocyte enumeration: Results from the last 9 years of the United Kingdom national external quality assessment scheme for immune monitoring (1993-2001). Cytometry, 2002, 50, 102-110.	1.8	75
42	Quality control in flow cytometry. , 2001, , 74-88.		0
43	Affordable CD4+ T cell counts by flow cytometry. Journal of Immunological Methods, 2001, 257, 145-154.	1.4	50
44	Cytofluorometric methods for assessing absolute numbers of cell subsets in blood. Cytometry, 2000, 42, 327-346.	1.8	201
45	Flow cytometric enumeration of CD34+ hematopoietic stem and progenitor cells. , 1998, 34, 128-142.		178
46	Flow cytometric quantitation of immunofluorescence intensity: Problems and perspectives. , 1998, 33, 166-178.		131
47	Leucocyte Immunophenotyping: The Need for Standardization. Hematology, 1997, 2, 65-72.	1.5	0
48	IN VITRO STIMULATION OF B-CELL INDUCES DIFFERENTIATION AND NOT PROLIFERATION. British Journal of Haematology, 1989, 72, 113-113.	2.5	4
49	LACK OF CORRELATION BETWEEN CELL SURFACE ACTIVATION ANTIGEN EXPRESSION AND CLINICAL STAGE IN B-CLL. British Journal of Haematology, 1989, 73, 572-572.	2.5	1
50	LACK OF CORRELATION BETWEEN CELL SURFACE ACTIVATION ANTIGEN EXPRESSION AND CLINICAL STAGE IN B-CLL. British Journal of Haematology, 1989, 73, 572-572.	2.5	9