

David Barnett

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,159
citations

318942

23
h-index

325983

40
g-index

50
all docs

50
docs citations

50
times ranked

3082
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of plasma cell myeloma minimal residual disease testing by flow cytometry in an international inter-laboratory study: Is it ready for primetime use?. <i>Cytometry Part B - Clinical Cytometry</i> , 2019, 96, 201-208.	0.7	15
2	Laboratory Accuracy Improvement in the UK NEQAS Leucocyte Immunophenotyping Immune Monitoring Program: An Eleven-Year Review via Longitudinal Mixed Effects Modeling. <i>Cytometry Part B - Clinical Cytometry</i> , 2018, 94, 250-256.	0.7	12
3	Current international flow cytometric practices for the detection and monitoring of paroxysmal nocturnal haemoglobinuria clones: A UK NEQAS survey. <i>Cytometry Part B - Clinical Cytometry</i> , 2017, 92, 266-274.	0.7	10
4	Measurement of <i>BCR-ABL1</i> by RT-qPCR in chronic myeloid leukaemia: findings from an International EQA Programme. <i>British Journal of Haematology</i> , 2017, 177, 414-422.	1.2	16
5	Lineage-specific chimerism monitoring after allogeneic haematopoietic stem cell transplantation: do we really know what we are measuring?. <i>British Journal of Haematology</i> , 2017, 176, 139-141.	1.2	2
6	Flow cytometry quality requirements for monitoring of minimal disease in plasma cell myeloma. <i>Cytometry Part B - Clinical Cytometry</i> , 2016, 90, 40-46.	0.7	22
7	CD4 Enumeration Technologies: A Systematic Review of Test Performance for Determining Eligibility for Antiretroviral Therapy. <i>PLoS ONE</i> , 2015, 10, e0115019.	1.1	28
8	Monitoring of chimerism following allogeneic haematopoietic stem cell transplantation (HSCT): Technical recommendations for the use of Short Tandem Repeat (STR) based techniques, on behalf of the United Kingdom National External Quality Assessment Service for Leucocyte Immunophenotyping Chimerism Working Group. <i>British Journal of Haematology</i> , 2015, 168, 26-37.	1.2	120
9	Systematic Review of the Performance of HIV Viral Load Technologies on Plasma Samples. <i>PLoS ONE</i> , 2014, 9, e85869.	1.1	47
10	Systematic Review of the Use of Dried Blood Spots for Monitoring HIV Viral Load and for Early Infant Diagnosis. <i>PLoS ONE</i> , 2014, 9, e86461.	1.1	111
11	Flow cytometry detection of minimal residual disease in multiple myeloma: Lessons learned at FDA-NCI roundtable symposium. <i>American Journal of Hematology</i> , 2014, 89, 1159-1160.	2.0	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. <i>Cytometry Part B - Clinical Cytometry</i> , 2013, 84B, 248-254.	0.7	18
15	Validation of cell-based fluorescence assays: Practice guidelines from the ICSH and ICCS – part IV – postanalytic considerations. <i>Cytometry Part B - Clinical Cytometry</i> , 2013, 84, 309-314.	0.7	47
16	Accreditation of flow cytometry in Europe. <i>Cytometry Part B - Clinical Cytometry</i> , 2013, 84B, 135-142.	0.7	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?. <i>Cytometry Part B - Clinical Cytometry</i> , 2012, 82B, 9-17.	0.7	51

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19	VERITAS?: A Time for VERIQAS [®] , [®] 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.	0.7	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.	1.7	90
22	Development and evaluation of a stabilized whole [®] 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.	0.7	35
23	Evaluation of the Blood Stabilizers TransFix [®] , [®] and Cyto-Chex [®] BCT for Low-Cost CD4 T-Cell Methodologies. Viral Immunology, 2009, 22, 329-332.	0.6	12
24	Long [®] term stabilized blood samples as controls for flow cytometric HLA [®] B27 screening: A feasibility study. Cytometry Part B - Clinical Cytometry, 2008, 74B, 169-181.	0.7	3
25	CD4 immunophenotyping in HIV infection. Nature Reviews Microbiology, 2008, 6, S7-S15.	13.6	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.	0.7	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.	0.7	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.	0.7	8
31	Multicentre evaluation of stable reference whole blood for enumeration of lymphocyte subsets by flow cytometry. Cytometry Part B - Clinical Cytometry, 2006, , .	0.7	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.	2.4	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. <i>Journal of Immunological Methods</i> , 2002, 266, 19-32.	0.6	35
38	CD45-assisted PanLeucogating for accurate, cost-effective dual-platform CD4+ T-cell enumeration. <i>Cytometry</i> , 2002, 50, 69-77.	1.8	139
39	Precise CD4 T-cell counting using red diode laser excitation: For richer, for poorer. <i>Cytometry</i> , 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. <i>Cytometry</i> , 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). <i>Cytometry</i> , 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. <i>Journal of Immunological Methods</i> , 2001, 257, 145-154.	0.6	50
44	Cytofluorometric methods for assessing absolute numbers of cell subsets in blood. <i>Cytometry</i> , 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. <i>Hematology</i> , 1997, 2, 65-72.	0.7	0
48	IN VITRO STIMULATION OF B-CELL INDUCES DIFFERENTIATION AND NOT PROLIFERATION. <i>British Journal of Haematology</i> , 1989, 72, 113-113.	1.2	4
49	LACK OF CORRELATION BETWEEN CELL SURFACE ACTIVATION ANTIGEN EXPRESSION AND CLINICAL STAGE IN Bâ€CELL. <i>British Journal of Haematology</i> , 1989, 73, 572-572.	1.2	1
50	LACK OF CORRELATION BETWEEN CELL SURFACE ACTIVATION ANTIGEN EXPRESSION AND CLINICAL STAGE IN B-CELL. <i>British Journal of Haematology</i> , 1989, 73, 572-572.	1.2	9