

Elaine S Costa

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,181
citations

623188

14
h-index

395343

33
g-index

53
all docs

53
docs citations

53
times ranked

2294
citing authors

#	ARTICLE	IF	CITATIONS
1	Standardized flow cytometry for highly sensitive MRD measurements in B-cell acute lymphoblastic leukemia. <i>Blood</i> , 2017, 129, 347-357.	0.6	323
2	Overview of clinical flow cytometry data analysis: recent advances and future challenges. <i>Trends in Biotechnology</i> , 2013, 31, 415-425.	4.9	119
3	Generation of flow cytometry data files with a potentially infinite number of dimensions. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 834-846.	1.1	81
4	International cooperative study identifies treatment strategy in childhood ambiguous lineage leukemia. <i>Blood</i> , 2018, 132, 264-276.	0.6	70
5	Blood monitoring of circulating tumor plasma cells by next generation flow in multiple myeloma after therapy. <i>Blood</i> , 2019, 134, 2218-2222.	0.6	66
6	Overweight as a Prognostic Factor in Children With Acute Lymphoblastic Leukemia. <i>Obesity</i> , 2011, 19, 1908-1911.	1.5	58
7	Contribution of Multiparameter Flow Cytometry Immunophenotyping to the Diagnostic Screening and Classification of Pediatric Cancer. <i>PLoS ONE</i> , 2013, 8, e55534.	1.1	48
8	Birth weight patterns by gestational age in Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2011, 83, 619-625.	0.3	47
9	Differential expression of CD73, CD86 and CD304 in normal vs. leukemic B-cell precursors and their utility as stable minimal residual disease markers in childhood B-cell precursor acute lymphoblastic leukemia. <i>Journal of Immunological Methods</i> , 2019, 475, 112429.	0.6	40
10	A Multidimensional Classification Approach for the Automated Analysis of Flow Cytometry Data. <i>IEEE Transactions on Biomedical Engineering</i> , 2008, 55, 1155-1162.	2.5	37
11	Retinoic Acid-Treated Pluripotent Stem Cells Undergoing Neurogenesis Present Increased Aneuploidy and Micronuclei Formation. <i>PLoS ONE</i> , 2011, 6, e20667.	1.1	31
12	Recombinant L-Asparaginase from <i>Zymomonas mobilis</i> : A Potential New Antileukemic Agent Produced in <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2016, 11, e0156692.	1.1	30
13	Maturation-associated gene expression profiles during normal human bone marrow erythropoiesis. <i>Cell Death Discovery</i> , 2019, 5, 69.	2.0	29
14	Heme-Oxygenases during Erythropoiesis in K562 and Human Bone Marrow Cells. <i>PLoS ONE</i> , 2011, 6, e21358.	1.1	21
15	Automated identification of leukocyte subsets improves standardization of database-guided expert-supervised diagnostic orientation in acute leukemia: a EuroFlow study. <i>Modern Pathology</i> , 2021, 34, 59-69.	2.9	15
16	New Decision Support Tool for Treatment Intensity Choice in Childhood Acute Lymphoblastic Leukemia. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2009, 13, 284-290.	3.6	14
17	Immunophenotypic Analysis of Acute Megakaryoblastic Leukemia: A EuroFlow Study. <i>Cancers</i> , 2022, 14, 1583.	1.7	11
18	Sepsis-Related Mortality of Very Low Birth Weight Brazilian Infants: The Role of <i>Pseudomonas aeruginosa</i> . <i>International Journal of Pediatrics (United Kingdom)</i> , 2009, 2009, 1-6.	0.2	10

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19	Cytogenetic as an Important Tool for Diagnosis and Prognosis for Patients with Hypocellular Primary Myelodysplastic Syndrome. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	10
20	“First proposed panels on acute leukemia for four-color immunophenotyping by flow cytometry from the Brazilian Group of Flow Cytometry - GBCFLUX”, 2014, , n/a-n/a.		10
21	Maturation-associated gene expression profiles along normal human bone marrow monoipoiesis. <i>British Journal of Haematology</i> , 2017, 176, 464-474.	1.2	9
22	Secondary abnormalities involving 1q or 13q and poor outcome in high stage Burkitt leukemia/lymphoma cases with 8q24 rearrangement at diagnosis. <i>International Journal of Hematology</i> , 2011, 93, 232-236.	0.7	8
23	Altered neutrophil immunophenotypes in childhood B-cell precursor acute lymphoblastic leukemia. <i>Oncotarget</i> , 2016, 7, 24664-24676.	0.8	8
24	Harmonization of light scatter and fluorescence flow cytometry profiles obtained after staining peripheral blood leucocytes for cell surface-only versus intracellular antigens with the Fix & Perm,¢ reagent. <i>Cytometry Part B - Clinical Cytometry</i> , 2010, 78B, 11-20.	0.7	7
25	First proposed panels on acute leukemia for four-color immunophenotyping by flow cytometry from the Brazilian group of flow cytometry-GBCFLUX. , 2015, 88, 194-203.		7
26	Molecular approaches identify a cryptic MECOM rearrangement in a child with a rapidly progressive myeloid neoplasm. <i>Cancer Genetics</i> , 2018, 221, 25-30.	0.2	7
27	Early-age Acute Leukemia: Revisiting Two Decades of the Brazilian Collaborative Study Group. <i>Archives of Medical Research</i> , 2016, 47, 593-606.	1.5	6
28	Minimal residual disease assessment in acute lymphoblastic leukemia by 4-color flow cytometry: Recommendations from the MRD Working Group of the Brazilian Society of Bone Marrow Transplantation. <i>Hematology, Transfusion and Cell Therapy</i> , 2020, 43, 332-340.	0.1	6
29	B-Cell Regeneration Profile and Minimal Residual Disease Status in Bone Marrow of Treated Multiple Myeloma Patients. <i>Cancers</i> , 2021, 13, 1704.	1.7	6
30	Racemic Etodolac is cytotoxic and cytostatic for B-cell precursor acute lymphoblastic leukemia cells. <i>Biomedicine and Pharmacotherapy</i> , 2009, 63, 548-551.	2.5	5
31	Flow Cytometry Immunophenotyping for Diagnostic Orientation and Classification of Pediatric Cancer Based on the EuroFlow Solid Tumor Orientation Tube (STOT). <i>Cancers</i> , 2021, 13, 4945.	1.7	5
32	An uncommon case of childhood biphenotypic precursor-B/T acute lymphoblastic leukemia. <i>Pediatric Blood and Cancer</i> , 2008, 50, 941-942.	0.8	4
33	Protector effect of $\hat{\pm}$ -thalassaemia on cholecystitis and cholecystectomy in sickle cell disease. <i>Hematology</i> , 2017, 22, 444-449.	0.7	4
34	The Manufacture of GMP-Grade Bone Marrow Stromal Cells with Validated In Vivo Bone-Forming Potential in an Orthopedic Clinical Center in Brazil. <i>Stem Cells International</i> , 2019, 2019, 1-17.	1.2	4
35	<p>Expression Profiles of DNA Methylation and Demethylation Machinery Components in Pediatric Myelodysplastic Syndrome: Clinical Implications</p>. <i>Cancer Management and Research</i> , 2020, Volume 12, 543-556.	0.9	4
36	A unique set of complex chromosomal abnormalities in an infant with myeloid leukemia associated with Down syndrome. <i>Molecular Cytogenetics</i> , 2017, 10, 35.	0.4	3

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37	Bone Marrow Stromal Cell Regeneration Profile in Treated B-Cell Precursor Acute Lymphoblastic Leukemia Patients: Association with MRD Status and Patient Outcome. <i>Cancers</i> , 2022, 14, 3088.	1.7	3
38	Flow cytometry as a diagnostic support tool in juvenile myelomonocytic leukemia. <i>Leukemia and Lymphoma</i> , 2016, 57, 233-236.	0.6	2
39	Updating recommendations of the Brazilian Group of Flow Cytometry (GBCFLUX) for diagnosis of acute leukemias using four-color flow cytometry panels. <i>Hematology, Transfusion and Cell Therapy</i> , 2021, 43, 499-506.	0.1	2
40	Somatic genomic variants in refractory cytopenia of childhood. <i>Pediatric Hematology Oncology Journal</i> , 2021, 6, 123-126.	0.1	2
41	Immunophenotypic shifts during minimal residual evaluation in a case of leukemic form of anaplastic large cell lymphoma $\langle scp \rangle ALK \langle /scp \rangle +$. <i>Cancer Reports</i> , 2022, 5, e1526.	0.6	2
42	Aberrant Expression of EZH2 in Pediatric Patients with Myelodysplastic Syndrome: A Potential Biomarker of Leukemic Evolution. <i>BioMed Research International</i> , 2019, 2019, 1-9.	0.9	2
43	Risk factors for the development of hospital-acquired pediatric venous thromboembolism—Dealing with potentially causal and confounding risk factors using a directed acyclic graph (DAG) analysis. <i>PLoS ONE</i> , 2020, 15, e0242311.	1.1	2
44	Molecular cytogenetic studies characterizing a novel complex karyotype with an uncommon 5q22 deletion in childhood acute myeloid leukemia. <i>Molecular Cytogenetics</i> , 2015, 8, 62.	0.4	1
45	Impact of Treatment on B-Cell Regeneration By Next Generation Flow Cytometry in Patients with Multiple Myeloma. <i>Blood</i> , 2018, 132, 4491-4491.	0.6	1
46	An Original Complex Rearrangement Involving Chromosomes 9, 11, and 14, Harboring a Complex KMT2A Gene Rearrangement in an Infant With Mixed-phenotype Acute Leukemia. <i>Journal of Pediatric Hematology/Oncology</i> , 2021, 43, e371-e374.	0.3	1
47	Transient myelodysplasia in an infant with Down syndrome preceding acute megakaryoblastic leukemia: cytogenetic and immunophenotypic findings. <i>Cancer Genetics and Cytogenetics</i> , 2009, 188, 54-56.	1.0	0
48	A rare case of myelodysplastic syndrome with $i(9q)$ in a child associated to osteochondromatosis. <i>Pediatric Blood and Cancer</i> , 2012, 58, 308-309.	0.8	0
49	Expression and methylation status of $MDR1$ gene in pediatric primary myelodysplastic syndrome. <i>Pediatric Blood and Cancer</i> , 2017, 64, 209-210.	0.8	0
50	A New Complex Karyotype Involving a $t(9;11)(p21;p11)$ Variant Three-Way Translocation in a Rare Clinical Presentation of a Pediatric Patient with Acute Myeloid Leukemia. <i>Cytogenetic and Genome Research</i> , 2019, 157, 213-219.	0.6	0
51	Minimal residual disease and quality sample evaluation by Next Generation Flow cytometry in multiple myeloma patients: a Brazilian experience. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2019, 19, e179.	0.2	0
52	Euroflow-Based Immunophenotypic Characterization of CD34+ Cell Compartment in Juvenile Myelomonocytic Leukemia (JMML): A New Tool for Differential Diagnosis. <i>Blood</i> , 2016, 128, 3127-3127.	0.6	0