

Elaine S Costa

List of Publications by Year in descending order

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52
papers

1,181
citations

623734

14
h-index

395702

33
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all docs

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docs citations

53
times ranked

2294
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunophenotypic shifts during minimal residual evaluation in a case of leukemic form of anaplastic large cell lymphoma <sc>ALK</sc>+. Cancer Reports, 2022, 5, e1526.	1.4	2
2	Immunophenotypic Analysis of Acute Megakaryoblastic Leukemia: A EuroFlow Study. Cancers, 2022, 14, 1583.	3.7	11
3	Bone Marrow Stromal Cell Regeneration Profile in Treated B-Cell Precursor Acute Lymphoblastic Leukemia Patients: Association with MRD Status and Patient Outcome. Cancers, 2022, 14, 3088.	3.7	3
4	Automated identification of leukocyte subsets improves standardization of database-guided expert-supervised diagnostic orientation in acute leukemia: a EuroFlow study. Modern Pathology, 2021, 34, 59-69.	5.5	15
5	B-Cell Regeneration Profile and Minimal Residual Disease Status in Bone Marrow of Treated Multiple Myeloma Patients. Cancers, 2021, 13, 1704.	3.7	6
6	Updating recommendations of the Brazilian Group of Flow Cytometry (GBCFLUX) for diagnosis of acute leukemias using four-color flow cytometry panels. Hematology, Transfusion and Cell Therapy, 2021, 43, 499-506.	0.2	2
7	Somatic genomic variants in refractory cytopenia of childhood. Pediatric Hematology Oncology Journal, 2021, 6, 123-126.	0.1	2
8	Flow Cytometry Immunophenotyping for Diagnostic Orientation and Classification of Pediatric Cancer Based on the EuroFlow Solid Tumor Orientation Tube (STOT). Cancers, 2021, 13, 4945.	3.7	5
9	An Original Complex Rearrangement Involving Chromosomes 9, 11, and 14, Harboring a Complex KMT2A Gene Rearrangement in an Infant With Mixed-phenotype Acute Leukemia. Journal of Pediatric Hematology/Oncology, 2021, 43, e371-e374.	0.6	1
10	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. Hematology, Transfusion and Cell Therapy, 2020, 43, 332-340.	0.2	6
11	<p>Expression Profiles of DNA Methylation and Demethylation Machinery Components in Pediatric Myelodysplastic Syndrome: Clinical Implications</p>. Cancer Management and Research, 2020, Volume 12, 543-556.	1.9	4
12	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. PLoS ONE, 2020, 15, e0242311.	2.5	2
13	Maturation-associated gene expression profiles during normal human bone marrow erythropoiesis. Cell Death Discovery, 2019, 5, 69.	4.7	29
14	A New Complex Karyotype Involving a <i>t(9;11)</i> KMT2A</i> Variant Three-Way Translocation in a Rare Clinical Presentation of a Pediatric Patient with Acute Myeloid Leukemia. Cytogenetic and Genome Research, 2019, 157, 213-219.	1.1	0
15	Blood monitoring of circulating tumor plasma cells by next generation flow in multiple myeloma after therapy. Blood, 2019, 134, 2218-2222.	1.4	66
16	Minimal residual disease and quality sample evaluation by Next Generation Flow cytometry in multiple myeloma patients: a Brazilian experience. Clinical Lymphoma, Myeloma and Leukemia, 2019, 19, e179.	0.4	0
17	The Manufacture of GMP-Grade Bone Marrow Stromal Cells with Validated In Vivo Bone-Forming Potential in an Orthopedic Clinical Center in Brazil. Stem Cells International, 2019, 2019, 1-17.	2.5	4
18	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. Journal of Immunological Methods, 2019, 475, 112429.	1.4	40

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19	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.	1.9	2
20	Molecular approaches identify a cryptic MECOM rearrangement in a child with a rapidly progressive myeloid neoplasm. <i>Cancer Genetics</i> , 2018, 221, 25-30.	0.4	7
21	International cooperative study identifies treatment strategy in childhood ambiguous lineage leukemia. <i>Blood</i> , 2018, 132, 264-276.	1.4	70
22	Impact of Treatment on B-Cell Regeneration By Next Generation Flow Cytometry in Patients with Multiple Myeloma. <i>Blood</i> , 2018, 132, 4491-4491.	1.4	1
23	Maturation-associated gene expression profiles along normal human bone marrow monoipoiesis. <i>British Journal of Haematology</i> , 2017, 176, 464-474.	2.5	9
24	Protector effect of β -thalassaemia on cholecystitis and cholecystectomy in sickle cell disease. <i>Hematology</i> , 2017, 22, 444-449.	1.5	4
25	Standardized flow cytometry for highly sensitive MRD measurements in B-cell acute lymphoblastic leukemia. <i>Blood</i> , 2017, 129, 347-357.	1.4	323
26	Expression and methylation status of <i>MDR1</i> gene in pediatric primary myelodysplastic syndrome. <i>Pediatric Blood and Cancer</i> , 2017, 64, 209-210.	1.5	0
27	A unique set of complex chromosomal abnormalities in an infant with myeloid leukemia associated with Down syndrome. <i>Molecular Cytogenetics</i> , 2017, 10, 35.	0.9	3
28	Early-age Acute Leukemia: Revisiting Two Decades of the Brazilian Collaborative Study Group. <i>Archives of Medical Research</i> , 2016, 47, 593-606.	3.3	6
29	Flow cytometry as a diagnostic support tool in juvenile myelomonocytic leukemia. <i>Leukemia and Lymphoma</i> , 2016, 57, 233-236.	1.3	2
30	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.	2.5	30
31	Altered neutrophil immunophenotypes in childhood B-cell precursor acute lymphoblastic leukemia. <i>Oncotarget</i> , 2016, 7, 24664-24676.	1.8	8
32	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.	1.4	0
33	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.	0.9	1
34	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
35	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.	1.9	10
36	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

#	ARTICLE	IF	CITATIONS
37	Overview of clinical flow cytometry data analysis: recent advances and future challenges. Trends in Biotechnology, 2013, 31, 415-425.	9.3	119
38	Contribution of Multiparameter Flow Cytometry Immunophenotyping to the Diagnostic Screening and Classification of Pediatric Cancer. PLoS ONE, 2013, 8, e55534.	2.5	48
39	A rare case of myelodysplastic syndrome with i(9q) in a child associated to osteochondromatosis. Pediatric Blood and Cancer, 2012, 58, 308-309.	1.5	0
40	Overweight as a Prognostic Factor in Children With Acute Lymphoblastic Leukemia. Obesity, 2011, 19, 1908-1911.	3.0	58
41	Heme-Oxygenases during Erythropoiesis in K562 and Human Bone Marrow Cells. PLoS ONE, 2011, 6, e21358.	2.5	21
42	Secondary abnormalities involving 1q or 13q and poor outcome in high stage Burkitt leukemia/lymphoma cases with 8q24 rearrangement at diagnosis. International Journal of Hematology, 2011, 93, 232-236.	1.6	8
43	Retinoic Acid-Treated Pluripotent Stem Cells Undergoing Neurogenesis Present Increased Aneuploidy and Micronuclei Formation. PLoS ONE, 2011, 6, e20667.	2.5	31
44	Birth weight patterns by gestational age in Brazil. Anais Da Academia Brasileira De Ciencias, 2011, 83, 619-625.	0.8	47
45	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, Permeability reagent. Cytometry Part B - Clinical Cytometry, 2010, 78B, 11-20.	1.5	7
46	Sepsis-Related Mortality of Very Low Birth Weight Brazilian Infants: The Role of Pseudomonas aeruginosa. International Journal of Pediatrics (United Kingdom), 2009, 2009, 1-6.	0.8	10
47	New Decision Support Tool for Treatment Intensity Choice in Childhood Acute Lymphoblastic Leukemia. IEEE Transactions on Information Technology in Biomedicine, 2009, 13, 284-290.	3.2	14
48	Transient myelodysplasia in an infant with Down syndrome preceding acute megakaryoblastic leukemia: cytogenetic and immunophenotypic findings. Cancer Genetics and Cytogenetics, 2009, 188, 54-56.	1.0	0
49	Racemic Etodolac is cytotoxic and cytostatic for B-cell precursor acute lymphoblastic leukemia cells. Biomedicine and Pharmacotherapy, 2009, 63, 548-551.	5.6	5
50	An uncommon case of childhood biphenotypic precursor-B/T acute lymphoblastic leukemia. Pediatric Blood and Cancer, 2008, 50, 941-942.	1.5	4
51	Generation of flow cytometry data files with a potentially infinite number of dimensions. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2008, 73A, 834-846.	1.5	81
52	A Multidimensional Classification Approach for the Automated Analysis of Flow Cytometry Data. IEEE Transactions on Biomedical Engineering, 2008, 55, 1155-1162.	4.2	37