Anna Merino

List of Publications by Year in descending order

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ANNA MEDINO

#	Article	IF	CITATIONS
1	Recognition of peripheral blood cell images using convolutional neural networks. Computer Methods and Programs in Biomedicine, 2019, 180, 105020.	4.7	104
2	A dataset of microscopic peripheral blood cell images for development of automatic recognition systems. Data in Brief, 2020, 30, 105474.	1.0	83
3	Image processing and machine learning in the morphological analysis of blood cells. International Journal of Laboratory Hematology, 2018, 40, 46-53.	1.3	73
4	A deep learning model (ALNet) for the diagnosis of acute leukaemia lineage using peripheral blood cell images. Computer Methods and Programs in Biomedicine, 2021, 202, 105999.	4.7	58
5	Automatic Recognition of Atypical Lymphoid Cells From Peripheral Blood by Digital Image Analysis. American Journal of Clinical Pathology, 2015, 143, 168-176.	0.7	52
6	Optimizing morphology through blood cell image analysis. International Journal of Laboratory Hematology, 2018, 40, 54-61.	1.3	49
7	Gender inequalities in the medical profession: are there still barriers to women physicians in the 21st century?. Gaceta Sanitaria, 2014, 28, 363-368.	1.5	45
8	Automatic recognition of different types of acute leukaemia in peripheral blood by image analysis. Journal of Clinical Pathology, 2019, 72, 755-761.	2.0	36
9	Feature Analysis and Automatic Identification of Leukemic Lineage Blast Cells and Reactive Lymphoid Cells from Peripheral Blood Cell Images. Journal of Clinical Laboratory Analysis, 2017, 31, e22024.	2.1	34
10	A Deep Learning Approach for Segmentation of Red Blood Cell Images and Malaria Detection. Entropy, 2020, 22, 657.	2.2	32
11	Sequential classification system for recognition of malaria infection using peripheral blood cell images. Journal of Clinical Pathology, 2020, 73, 665-670.	2.0	24
12	Automatic classification of atypical lymphoid B cells using digital blood image processing. International Journal of Laboratory Hematology, 2014, 36, 472-480.	1.3	22
13	Characterization and automatic screening of reactive and abnormal neoplastic B lymphoid cells from peripheral blood. International Journal of Laboratory Hematology, 2016, 38, 209-219.	1.3	20
14	Automatic identification of malaria and other red blood cell inclusions using convolutional neural networks. Computers in Biology and Medicine, 2021, 136, 104680.	7.0	18
15	Color clustering segmentation framework for image analysis of malignant lymphoid cells in peripheral blood. Medical and Biological Engineering and Computing, 2019, 57, 1265-1283.	2.8	16
16	EQAS for peripheral blood morphology in Spain: a 6-year experience. International Journal of Laboratory Hematology, 2007, 30, 070822034638001-???.	1.3	15
17	New quantitative features for the morphological differentiation of abnormal lymphoid cell images from peripheral blood. Journal of Clinical Pathology, 2017, 70, 1038-1048.	2.0	15
18	Massive intravascular haemolysis duringClostridium perfrigenssepsis of hepatic origin. European Journal of Haematology, 2010, 84, 278-279.	2.2	14

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19	A new convolutional neural network predictive model for the automatic recognition of hypogranulated neutrophils in myelodysplastic syndromes. Computers in Biology and Medicine, 2021, 134, 104479.	7.0	14
20	Atypical lymphoid cells circulating in blood in COVID-19 infection: morphology, immunophenotype and prognosis value. Journal of Clinical Pathology, 2022, 75, 104-111.	2.0	14
21	Standardization of haematology critical results management in adults: an International Council for Standardization in Haematology, ICSH, survey and recommendations. International Journal of Laboratory Hematology, 2016, 38, 457-471.	1.3	13
22	Acute myeloid leukaemia with peculiar blast cell inclusions and pseudo-eosinophilia. British Journal of Haematology, 2005, 131, 286-286.	2.5	12
23	Massive erythrophagocytosis by peripheral monocytes and neutrophils in parvovirus-B19 autoimmune hemolytic anemia. Annals of Hematology, 2017, 96, 881-882.	1.8	11
24	Green inclusions in neutrophils: A critical finding that must be reported. International Journal of Laboratory Hematology, 2020, 42, e101-e104.	1.3	11
25	Atypical red cell inclusions in congenital erythropoietic porphyria. British Journal of Haematology, 2006, 132, 124-124.	2.5	10
26	Acute myeloid leukaemia: How to combine multiple tools. International Journal of Laboratory Hematology, 2018, 40, 109-119.	1.3	10
27	State of the art vs biological variability: Comparison on hematology parameters using Spanish EQAS data. International Journal of Laboratory Hematology, 2018, 40, 284-291.	1.3	9
28	Blood film findings in severe babesiosis. British Journal of Haematology, 2016, 172, 839-839.	2.5	8
29	High fluorescence cell count in ascitic body fluids for carcinomatosis screening. Clinical Chemistry and Laboratory Medicine, 2018, 56, 272-274.	2.3	8
30	Chronic (B cell) lymphocytic leukaemia with unusual granulation. British Journal of Haematology, 2006, 133, 354-354.	2.5	7
31	Detection and significance of green inclusions in peripheral blood neutrophils and monocytes. International Journal of Laboratory Hematology, 2021, 43, e92-e94.	1.3	7
32	Stabilization of the Mean Platelet Component (MPC), a Parameter Related to Platelet Granularity Provided by New Generation of Blood Analyzers Blood, 2006, 108, 3919-3919.	1.4	7
33	A Deep Learning Approach for the Morphological Recognition of Reactive Lymphocytes in Patients with COVID-19 Infection. Bioengineering, 2022, 9, 229.	3.5	6
34	Erythrophagocytosis in Epstein-Barr virus IgM-mediated hemolytic anemia. Transfusion, 2006, 46, 2035-2035.	1.6	4
35	The mesenchymal stem cell revealed. Transfusion, 2003, 43, 1-1.	1.6	2
36	Human African trypanosomiasis diagnosis by peripheral blood smear review in a Spanish traveler. Blood. 2016. 127. 167-167.	1.4	2

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37	Study of the analytical performance at different concentrations of hematological parameters using Spanish EQAS data. Clinical Chemistry and Laboratory Medicine, 2019, 57, 1980-1987.	2.3	2
38	Peripheral blood morphology review and diagnostic proficiency evaluation by a new Spanish EQAS during the period $2011\hat{a} \in 2019$. International Journal of Laboratory Hematology, 2021, 43, 44-51.	1.3	2
39	Development of tolerance after haplocompatible T-depleted bone marrow transplantation. Bone Marrow Transplantation, 1993, 12, 483-8.	2.4	2
40	Quantitative Cytologic Descriptors to Differentiate CLL, Sézary, Granular, and Villous Lymphocytes Through Image Analysis. American Journal of Clinical Pathology, 2019, 152, 74-85.	0.7	1
41	Carcinocythaemia in an advanced stage of invasive ductal carcinoma of the breast. British Journal of Haematology, 2019, 185, 8-8.	2.5	1
42	SARS oVâ€2 pneumonia and atypical lymphocyte morphology in pleural fluid. International Journal of Laboratory Hematology, 2022, 44, .	1.3	1
43	Comparative Study of Peripheral Blood Morphology by Conventional Microscopy and Cellavision DM96 In Hematological and non Hematological Diseases. Blood, 2010, 116, 4737-4737.	1.4	1
44	Southeast Asian ovalocytosis detected in a critical patient with COVIDâ€19 pneumonia. International Journal of Laboratory Hematology, 2022, 44, .	1.3	1
45	Massive hemolysis complicating acute granulomatous hepatitis. Annals of Hematology, 2018, 97, 1741-1742.	1.8	0
46	Signet ring cell carcinocythaemia in an advanced gastric carcinoma. International Journal of Laboratory Hematology, 2020, 42, e231-e233.	1.3	0
47	Virtual Microscopy System for Blood Morphology Evaluation and Their Applications in Hematology. Blood, 2008, 112, 4691-4691.	1.4	0
48	Eight Years Experience in External Quality Assessment Scheme (EQAS) for Peripheral Blood Morphology. Blood, 2008, 112, 4684-4684.	1.4	0
49	Quantitative features to assist in the diagnostic assessment of chronic lymphocytic leukemia progression $\hat{a} \in$. Journal of Pathology, 2021, , .	4.5	0