

Anna Merino

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

877
citations

567247

15
h-index

501174

28
g-index

50
all docs

50
docs citations

50
times ranked

613
citing authors

#	ARTICLE	IF	CITATIONS
1	Recognition of peripheral blood cell images using convolutional neural networks. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 180, 105020.	4.7	104
2	A dataset of microscopic peripheral blood cell images for development of automatic recognition systems. <i>Data in Brief</i> , 2020, 30, 105474.	1.0	83
3	Image processing and machine learning in the morphological analysis of blood cells. <i>International Journal of Laboratory Hematology</i> , 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. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 202, 105999.	4.7	58
5	Automatic Recognition of Atypical Lymphoid Cells From Peripheral Blood by Digital Image Analysis. <i>American Journal of Clinical Pathology</i> , 2015, 143, 168-176.	0.7	52
6	Optimizing morphology through blood cell image analysis. <i>International Journal of Laboratory Hematology</i> , 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?. <i>Gaceta Sanitaria</i> , 2014, 28, 363-368.	1.5	45
8	Automatic recognition of different types of acute leukaemia in peripheral blood by image analysis. <i>Journal of Clinical Pathology</i> , 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. <i>Journal of Clinical Laboratory Analysis</i> , 2017, 31, e22024.	2.1	34
10	A Deep Learning Approach for Segmentation of Red Blood Cell Images and Malaria Detection. <i>Entropy</i> , 2020, 22, 657.	2.2	32
11	Sequential classification system for recognition of malaria infection using peripheral blood cell images. <i>Journal of Clinical Pathology</i> , 2020, 73, 665-670.	2.0	24
12	Automatic classification of atypical lymphoid B cells using digital blood image processing. <i>International Journal of Laboratory Hematology</i> , 2014, 36, 472-480.	1.3	22
13	Characterization and automatic screening of reactive and abnormal neoplastic B lymphoid cells from peripheral blood. <i>International Journal of Laboratory Hematology</i> , 2016, 38, 209-219.	1.3	20
14	Automatic identification of malaria and other red blood cell inclusions using convolutional neural networks. <i>Computers in Biology and Medicine</i> , 2021, 136, 104680.	7.0	18
15	Color clustering segmentation framework for image analysis of malignant lymphoid cells in peripheral blood. <i>Medical and Biological Engineering and Computing</i> , 2019, 57, 1265-1283.	2.8	16
16	EQAS for peripheral blood morphology in Spain: a 6-year experience. <i>International Journal of Laboratory Hematology</i> , 2007, 30, 070822034638001-???	1.3	15
17	New quantitative features for the morphological differentiation of abnormal lymphoid cell images from peripheral blood. <i>Journal of Clinical Pathology</i> , 2017, 70, 1038-1048.	2.0	15
18	Massive intravascular haemolysis during <i>Clostridium perfringens</i> sepsis of hepatic origin. <i>European Journal of Haematology</i> , 2010, 84, 278-279.	2.2	14

#	ARTICLE	IF	CITATIONS
19	A new convolutional neural network predictive model for the automatic recognition of hypogranulated neutrophils in myelodysplastic syndromes. <i>Computers in Biology and Medicine</i> , 2021, 134, 104479.	7.0	14
20	Atypical lymphoid cells circulating in blood in COVID-19 infection: morphology, immunophenotype and prognosis value. <i>Journal of Clinical Pathology</i> , 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. <i>International Journal of Laboratory Hematology</i> , 2016, 38, 457-471.	1.3	13
22	Acute myeloid leukaemia with peculiar blast cell inclusions and pseudo-eosinophilia. <i>British Journal of Haematology</i> , 2005, 131, 286-286.	2.5	12
23	Massive erythrophagocytosis by peripheral monocytes and neutrophils in parvovirus-B19 autoimmune hemolytic anemia. <i>Annals of Hematology</i> , 2017, 96, 881-882.	1.8	11
24	Green inclusions in neutrophils: A critical finding that must be reported. <i>International Journal of Laboratory Hematology</i> , 2020, 42, e101-e104.	1.3	11
25	Atypical red cell inclusions in congenital erythropoietic porphyria. <i>British Journal of Haematology</i> , 2006, 132, 124-124.	2.5	10
26	Acute myeloid leukaemia: How to combine multiple tools. <i>International Journal of Laboratory Hematology</i> , 2018, 40, 109-119.	1.3	10
27	State of the art vs biological variability: Comparison on hematology parameters using Spanish EQAS data. <i>International Journal of Laboratory Hematology</i> , 2018, 40, 284-291.	1.3	9
28	Blood film findings in severe babesiosis. <i>British Journal of Haematology</i> , 2016, 172, 839-839.	2.5	8
29	High fluorescence cell count in ascitic body fluids for carcinomatosis screening. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, 272-274.	2.3	8
30	Chronic (B cell) lymphocytic leukaemia with unusual granulation. <i>British Journal of Haematology</i> , 2006, 133, 354-354.	2.5	7
31	Detection and significance of green inclusions in peripheral blood neutrophils and monocytes. <i>International Journal of Laboratory Hematology</i> , 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.. <i>Blood</i> , 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. <i>Bioengineering</i> , 2022, 9, 229.	3.5	6
34	Erythrophagocytosis in Epstein-Barr virus IgM-mediated hemolytic anemia. <i>Transfusion</i> , 2006, 46, 2035-2035.	1.6	4
35	The mesenchymal stem cellâ€revealed. <i>Transfusion</i> , 2003, 43, 1-1.	1.6	2
36	Human African trypanosomiasis diagnosis by peripheral blood smear review in a Spanish traveler. <i>Blood</i> , 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. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 1980-1987.	2.3	2
38	Peripheral blood morphology review and diagnostic proficiency evaluation by a new Spanish EQAS during the period 2011â€2019. <i>International Journal of Laboratory Hematology</i> , 2021, 43, 44-51.	1.3	2
39	Development of tolerance after haplocompatible T-depleted bone marrow transplantation. <i>Bone Marrow Transplantation</i> , 1993, 12, 483-8.	2.4	2
40	Quantitative Cytologic Descriptors to Differentiate CLL, SÃ©zary, Granular, and Villous Lymphocytes Through Image Analysis. <i>American Journal of Clinical Pathology</i> , 2019, 152, 74-85.	0.7	1
41	Carcinocythaemia in an advanced stage of invasive ductal carcinoma of the breast. <i>British Journal of Haematology</i> , 2019, 185, 8-8.	2.5	1
42	SARSâ€CoVâ€2 pneumonia and atypical lymphocyte morphology in pleural fluid. <i>International Journal of Laboratory Hematology</i> , 2022, 44, .	1.3	1
43	Comparative Study of Peripheral Blood Morphology by Conventional Microscopy and Cellavision DM96 In Hematological and non Hematological Diseases. <i>Blood</i> , 2010, 116, 4737-4737.	1.4	1
44	Southeast Asian ovalocytosis detected in a critical patient with COVIDâ€19 pneumonia. <i>International Journal of Laboratory Hematology</i> , 2022, 44, .	1.3	1
45	Massive hemolysis complicating acute granulomatous hepatitis. <i>Annals of Hematology</i> , 2018, 97, 1741-1742.	1.8	0
46	Signet ring cell carcinocythaemia in an advanced gastric carcinoma. <i>International Journal of Laboratory Hematology</i> , 2020, 42, e231-e233.	1.3	0
47	Virtual Microscopy System for Blood Morphology Evaluation and Their Applications in Hematology. <i>Blood</i> , 2008, 112, 4691-4691.	1.4	0
48	Eight Years Experience in External Quality Assessment Scheme (EQAS) for Peripheral Blood Morphology. <i>Blood</i> , 2008, 112, 4684-4684.	1.4	0
49	Quantitative features to assist in the diagnostic assessment of chronic lymphocytic leukemia progression â€. <i>Journal of Pathology</i> , 2021, , .	4.5	0