Horatiu Olteanu

List of Publications by Year in descending order

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		279798	345221
93	1,603	23	36
papers	citations	h-index	g-index

93	93	93	2159
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Human Methionine Synthase Reductase, a Soluble P-450 Reductase-like Dual Flavoprotein, Is Sufficient for NADPH-dependent Methionine Synthase Activation. Journal of Biological Chemistry, 2001, 276, 35558-35563.	3.4	159
2	Differences in the Efficiency of Reductive Activation of Methionine Synthase and Exogenous Electron Acceptors between the Common Polymorphic Variants of Human Methionine Synthase Reductaseâ€. Biochemistry, 2002, 41, 13378-13385.	2.5	145
3	Targeting CD38 in Refractory Extranodal Natural Killer Cellâ€“T-Cell Lymphoma. New England Journal of Medicine, 2016, 375, 1501-1502.	27.0	86
4	Allogeneic haematopoietic cell transplantation for extranodal natural killer/Tâ€cell lymphoma, nasal type: a <scp>CIBMTR</scp> analysis. British Journal of Haematology, 2018, 182, 916-920.	2.5	59
5	Human ATP:Cob(I)alamin Adenosyltransferase and Its Interaction with Methionine Synthase Reductase. Journal of Biological Chemistry, 2004, 279, 47536-47542.	3.4	57
6	Haematopoietic cell transplantation for blastic plasmacytoid dendritic cell neoplasm: a North American multicentre collaborative study. British Journal of Haematology, 2017, 179, 781-789.	2.5	56
7	Clopidogrel anti-platelet effect: An evaluation by optical aggregometry, impedance aggregometry, and the Platelet Function Analyzer (PFA-100â„¢). Platelets, 2007, 18, 491-496.	2.3	50
8	Single Antibody Detection of Tâ€Cell Receptor Î±Î² Clonality by Flow Cytometry Rapidly Identifies Mature Tâ€Cell Neoplasms and Monotypic Small CD8â€Positive Subsets of Uncertain Significance. Cytometry Part B - Clinical Cytometry, 2020, 98, 99-107.	1.5	45
9	Kinetic and Thermodynamic Characterization of the Common Polymorphic Variants of Human Methionine Synthase Reductase. Biochemistry, 2004, 43, 1988-1997.	2.5	44
10	T-cell clones of uncertain significance are highly prevalent and show close resemblance to T-cell large granular lymphocytic leukemia. Implications for laboratory diagnostics. Modern Pathology, 2020, 33, 2046-2057.	5.5	40
11	Expression Profiling of Homocysteine Junction Enzymes in the NCI60 Panel of Human Cancer Cell Lines. Cancer Research, 2005, 65, 1554-1560.	0.9	36
12	CD200 expression in plasma cell myeloma. British Journal of Haematology, 2011, 153, 408-411.	2.5	35
13	The Unique Immunophenotype of Double-Hit Lymphomas. American Journal of Clinical Pathology, 2011, 135, 649-650.	0.7	34
14	CD23 Expression in Follicular Lymphoma. American Journal of Clinical Pathology, 2011, 135, 46-53.	0.7	34
15	Flow Cytometric Analysis of Surface Light Chain Expression Patterns in B-Cell Lymphomas Using Monoclonal and Polyclonal Antibodies. American Journal of Clinical Pathology, 2011, 136, 954-959.	0.7	33
16	Chronic lymphoproliferative disorder of natural killer cells: a distinct entity with subtypes correlating with normal natural killer cell subsets. Leukemia, 2010, 24, 881-884.	7.2	32
17	Flow Cytometry Applications in the Diagnosis of T/NKâ€Cell Lymphoproliferative Disorders. Cytometry Part B - Clinical Cytometry, 2019, 96, 99-115.	1.5	30
18	Flow cytometric evaluation of <scp>TRBC1</scp> expression in tissue specimens and body fluids is a novel and specific method for assessment of <scp>Tâ€cell</scp> clonality and diagnosis of <scp>Tâ€cell</scp> neoplasms. Cytometry Part B - Clinical Cytometry, 2021, 100, 361-369.	1.5	29

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19	Redundancy in the Pathway for Redox Regulation of Mammalian Methionine Synthase. Journal of Biological Chemistry, 2003, 278, 38310-38314.	3.4	28
20	Allogeneic Hematopoietic Cell Transplantation for Aggressive NK Cell Leukemia. A Center for International Blood and Marrow Transplant Research Analysis. Biology of Blood and Marrow Transplantation, 2017, 23, 853-856.	2.0	28
21	Emerging Role of T-cell Receptor Constant Î² Chain-1 (TRBC1) Expression in the Flow Cytometric Diagnosis of T-cell Malignancies. International Journal of Molecular Sciences, 2021, 22, 1817.	4.1	27
22	The Specificity of Immunophenotypic Alterations in Blasts in Nonacute Myeloid Disorders. American Journal of Clinical Pathology, 2010, 134, 749-761.	0.7	26
23	A Dissection of the CD45/Side Scatter â€œBlast Gateâ€: American Journal of Clinical Pathology, 2012, 137, 800-804.	0.7	26
24	Immunophenotypic studies of monoclonal gammopathy of undetermined significance. BMC Clinical Pathology, 2008, 8, 13.	1.8	24
25	Pure Erythroid Leukemia and Erythroblastic Sarcoma Evolving From Chronic Myeloid Neoplasms. American Journal of Clinical Pathology, 2016, 145, 538-551.	0.7	24
26	CD8-Positive Primary Cutaneous Anaplastic Large T-Cell Lymphoma (PCALCL): Case Report and Review of This Unusual Variant of PCALCL. American Journal of Dermatopathology, 2010, 32, 489-491.	0.6	22
27	CD23 expression in plasma cell myeloma is specific for abnormalities of chromosome 11, and is associated with primary plasma cell leukaemia in this cytogenetic subâ€group. British Journal of Haematology, 2010, 149, 292-293.	2.5	22
28	Immunophenotypic Stability of SÃ©zary Cells by Flow Cytometry. American Journal of Clinical Pathology, 2012, 137, 403-411.	0.7	22
29	Tumor Suppressor Interferon-Regulatory Factor 1 Counteracts the Germinal Center Reaction Driven by a Cancer-Associated Gammaherpesvirus. Journal of Virology, 2016, 90, 2818-2829.	3.4	20
30	Utility of TRBC1 Expression in the Diagnosis of Peripheral Blood Involvement by Cutaneous T-Cell Lymphoma. Journal of Investigative Dermatology, 2021, 141, 821-829.e2.	0.7	19
31	Clinical, molecular, and prognostic comparisons between CCUS and lower-risk MDS: a study of 187 molecularly annotated patients. Blood Advances, 2021, 5, 2272-2278.	5.2	19
32	Reactivation of Pulmonary Tuberculosis following Treatment of Myelofibrosis with Ruxolitinib. Case Reports in Hematology, 2016, 2016, 1-4.	0.4	17
33	Conserved Gammaherpesvirus Protein Kinase Selectively Promotes Irrelevant B Cell Responses. Journal of Virology, 2019, 93, .	3.4	15
34	Single-Antibody Evaluation of T-Cell Receptor Î² Constant Chain Monotypia by Flow Cytometry Facilitates the Diagnosis of T-Cell Large Granular Lymphocytic Leukemia. American Journal of Clinical Pathology, 2021, 156, 139-148.	0.7	15
35	Artificial Intelligence Enhances Diagnostic Flow Cytometry Workflow in the Detection of Minimal Residual Disease of Chronic Lymphocytic Leukemia. Cancers, 2022, 14, 2537.	3.7	15
36	Immunophenotypes of Chronic Myelomonocytic Leukemia (CMML) Subtypes by Flow Cytometry. American Journal of Clinical Pathology, 2016, 146, 170-181.	0.7	12

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37	CD200 Expression in Plasma Cells of Nonmyeloma Immunoproliferative Disorders. American Journal of Clinical Pathology, 2012, 138, 867-876.	0.7	11
38	Flow Cytometric Evaluation of Surface and Cytoplasmic TRBC1 Expression in the Differential Diagnosis of Immature T-Cell Proliferations. American Journal of Clinical Pathology, 2022, 157, 64-72.	0.7	10
39	Evaluation of multiple myeloma measurable residual disease by high sensitivity flow cytometry: An international harmonized approach for data analysis. Cytometry Part B - Clinical Cytometry, 2022, 102, 88-106.	1.5	10
40	Follicular lymphoma transformation to dual translocated Burkitt-like lymphoma: improved disease control associated with radiation therapy. International Journal of Hematology, 2009, 90, 616-622.	1.6	9
41	Efficacy and safety of longâ€term (>7 year) alemtuzumab therapy for refractory Tâ€cell large granular lymphocytic leukaemia. British Journal of Haematology, 2010, 150, 480-481.	2.5	9
42	Central nervous system Hodgkin lymphoma: case report and review of the literature. Journal of Neuro-Oncology, 2011, 102, 329-334.	2.9	9
43	Evaluation of CD43 expression in non-hematopoietic malignancies. Annals of Diagnostic Pathology, 2017, 29, 23-27.	1.3	9
44	CD30 Expression in Monomorphic Posttransplant Lymphoproliferative Disorder, Diffuse Large B-Cell Lymphoma Correlates With Greater Regulatory T-Cell Infiltration. American Journal of Clinical Pathology, 2017, 148, 485-493.	0.7	9
45	Multicenter Analysis of Advanced Stage Grade 3A Follicular Lymphoma Outcomes by Frontline Treatment Regimen. Clinical Lymphoma, Myeloma and Leukemia, 2019, 19, 95-102.	0.4	9
46	Prevalence and spectrum of T-cell lymphoproliferative disorders in patients with Hypereosinophilia: A reference laboratory experience. Annals of Diagnostic Pathology, 2020, 44, 151412.	1.3	9
47	Detection of cryptic CCND1 rearrangements in mantle cell lymphoma by next generation sequencing. Annals of Diagnostic Pathology, 2020, 46, 151533.	1.3	8
48	Clinical utility of next generation sequencing to detect IGH/IL3 rearrangements [t(5;14)(q31.1;q32.1)] in B-lymphoblastic leukemia/lymphoma. Annals of Diagnostic Pathology, 2021, 53, 151761.	1.3	8
49	Vacuoles, <scp>E1</scp> enzyme, Xâ€linked, autoinflammatory, somatic (<scp>VEXAS</scp>) syndrome: a presentation of two cases with dermatologic findings. International Journal of Dermatology, 2023, 62, .	1.0	8
50	Role of Flow Cytometry in the Diagnosis and Prognosis of Plasma Cell Myeloma. Surgical Pathology Clinics, 2016, 9, 101-116.	1.7	7
51	Carcinocythemia: A rare entity becoming more common? A 3â€year, single institution series of seven cases and literature review. International Journal of Laboratory Hematology, 2019, 41, 69-79.	1.3	7
52	Immunophenotypic stability of Tâ€cell large granular lymphocytic leukaemia by flow cytometry. British Journal of Haematology, 2010, 151, 97-99.	2.5	6
53	Immunophenotypic Stability of CD200 Expression in Plasma Cell Myeloma. American Journal of Clinical Pathology, 2012, 137, 1013-1014.	0.7	6
54	Think outside the box : Acanthamoeba encephalitis following autologous haematopoietic stem cell transplantation. British Journal of Haematology, 2016, 175, 758-758.	2.5	6

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55	Leukemic phase and CSF involvement of diffuse large B-cell lymphoma with a complex karyotype including a TP53 deletion. Clinical Case Reports (discontinued), 2018, 6, 235-237.	0.5	6
56	Trends in Bone Marrow Sampling and Core Biopsy Specimen Adequacy in the United States and Canada. American Journal of Clinical Pathology, 2018, 150, 393-405.	0.7	6
57	Expression of natural killer receptors in T- and NK-cells: comparison of healthy individuals, patients with prior stem cell transplant, and patients undergoing chemotherapy. Leukemia and Lymphoma, 2010, 51, 481-487.	1.3	4
58	Proliferation centers in bone marrows involved by chronic lymphocytic leukemia/small lymphocytic lymphoma: a clinicopathologic analysis. Annals of Diagnostic Pathology, 2016, 25, 15-19.	1.3	4
59	Circulating Breast Carcinoma Cells Mimicking Therapy-Related Acute Myeloid Leukemia. International Journal of Surgical Pathology, 2017, 25, 87-93.	0.8	4
60	Philadelphia Chromosomeâ€positive Acute Myeloid Leukemia With e1a3 BCRâ€ABL1 Fusion Transcript. HemaSphere, 2020, 4, e484.	2.7	4
61	Increased CD200 expression in post-transplant lymphoproliferative disorders correlates with an increased frequency of FoxP3(+) regulatory T cells. Annals of Diagnostic Pathology, 2020, 48, 151585.	1.3	4
62	CD2 and CD7 are sensitive flow cytometry screening markers for T-lineage acute leukemia(s): a study of 465 acute leukemia cases. Human Pathology, 2021, 114, 66-73.	2.0	4
63	Clinicopathologic analysis of the impact of CD23 expression in plasma cell myeloma with t(11;14)(q13;q32). Annals of Diagnostic Pathology, 2011, 15, 385-8.	1.3	3
64	Case study interpretationâ€”Houston: Case 2. Cytometry Part B - Clinical Cytometry, 2011, 80B, 258-260.	1.5	3
65	Reactive Bone Marrow Plasmacytosis: An Update for the Modern Era. American Journal of Clinical Pathology, 2014, 142, A102-A102.	0.7	3
66	Efficacy of High-Dose Therapy and Autologous Hematopoietic Cell Transplantation in Gray Zone Lymphoma: A US Multicenter Collaborative Study. Biology of Blood and Marrow Transplantation, 2018, 24, 486-493.	2.0	3
67	Cytoplasmic Expression of CD3Îµ Heterodimers by Flow Cytometry Rapidly Distinguishes Between Mature T-Cell and Natural Killerâ€Cell Neoplasms. American Journal of Clinical Pathology, 2020, 154, 683-691.	0.7	3
68	Spurious <scp>CD34</scp> expression in Bâ€cell lymphoma due to nonspecific binding to <scp>PerCPâ€Cy5</scp>.5 fluorochrome conjugates: A rare phenomenon and a diagnostic pitfall. Cytometry Part B - Clinical Cytometry, 2022, 102, 326-328.	1.5	3
69	The Use of Flow Cytometry in Diagnosis of Paroxysmal Nocturnal Hemoglobinuria. Laboratory Medicine, 2006, 37, 498-502.	1.2	2
70	Evaluation of CD43 Expression in Non-Hematologic Malignancies. American Journal of Clinical Pathology, 2014, 142, A244-A244.	0.7	2
71	An Unusual Suspect Causing Hypoxemic Respiratory Failure. Journal of Investigative Medicine High Impact Case Reports, 2017, 5, 232470961668758.	0.6	2
72	Sperm in peritoneal fluid from a man with ascites: a case report. Cases Journal, 2009, 2, 192.	0.4	1

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73	Sensitivity and Specificity of Peripheral Blood Findings in Screening for Myelodysplastic Syndrome. American Journal of Clinical Pathology, 2014, 142, A090-A090.	0.7	1
74	Allogeneic Hematopoietic Cell Transplantation (alloHCT) for Extranodal Natural Killer (Nk)/T-Cell Lymphoma, Nasal Type (ENKL): A CIBMTR Analysis. Biology of Blood and Marrow Transplantation, 2017, 23, S49-S50.	2.0	1
75	Bone Marrow Core Biopsy Adequacy and Variability in the United Stated and Canada: A Multicenter Retrospective Study. Blood, 2014, 124, 1316-1316.	1.4	1
76	Outcomes of Grade 3A Follicular Lymphoma: Best Treated As Aggressive or Indolent Lymphoma?. Blood, 2016, 128, 5328-5328.	1.4	1
77	Molecular markers demonstrate diagnostic and prognostic value in the evaluation of myelodysplastic syndromes in cytopenia patients. Blood Cancer Journal, 2022, 12, 12.	6.2	1
78	Deep neural network for cell type differentiation in myelodysplastic syndrome diagnosis performs similarly when trained on compensated or uncompensated data. , 2022, , .		1
79	Identification of EWSR1 rearrangements in patients with immature hematopoietic neoplasms: A case series and review of literature. Annals of Diagnostic Pathology, 2022, 58, 151942.	1.3	1
80	Persistent localized bone marrow aplasia after radiotherapy with preserved peripheral counts: a study of 8 cases. Annals of Diagnostic Pathology, 2010, 14, 168-172.	1.3	0
81	A Retrospective Analysis of the Utility of Pathology Review Criteria for Peripheral Blood and Body Fluids: One Institution's Experience. American Journal of Clinical Pathology, 2012, 138, A087-A087.	0.7	0
82	Immunophenotypic Analysis of Mycosis Fungoides in Large Cell Transformation. American Journal of Clinical Pathology, 2013, 140, A139-A139.	0.7	0
83	Bone Marrow Monocytosis: A Survey of 150 Cases. American Journal of Clinical Pathology, 2015, 144, A150-A150.	0.7	0
84	Immunophenotypic Comparison of Dysplastic and Proliferative Subtypes of Chronic Myelomonocytic Leukemia by Flow Cytometry. American Journal of Clinical Pathology, 2015, 144, A161-A161.	0.7	0
85	Chronic Myelogenous Leukemia Presenting as a Secondary Malignancy After BCR-ABL1-negative B-lymphoblastic Leukemia/Lymphoma in a Pediatric Patient. Pediatric and Developmental Pathology, 2017, 20, 58-62.	1.0	0
86	Carcinocythemia: A Rare Entity Becoming More Common? A 3-Year, Single-Institution Series of Seven Cases and Literature Review. American Journal of Clinical Pathology, 2018, 150, S101-S102.	0.7	0
87	Erythroblastic sarcoma transformation from a chronic myeloid neoplasm with FGFR1 rearrangement presenting as a pleural effusion: a case report. Journal of Hematopathology, 2021, 14, 157-162.	0.4	0
88	Hypomethylating Agent Therapy for Acute Myelogenous Leukemia (AML) Can Induce Sustained Responses with Low Induction Mortality.. Blood, 2009, 114, 4157-4157.	1.4	0
89	High Prevalence of Dapsone-Induced Oxidant Hemolysis in North American Stem Cell Transplant Recipients without Glucose-6-Phosphate-Dehydrogenase Deficiency.. Blood, 2009, 114, 3314-3314.	1.4	0
90	Single-Antibody Detection of T-Cell Receptor Beta Chain Monotypia Resolves Uncertainties in the Identification and Quantitation of SÃ©zary Cells By Routine Flow Cytometry: Towards Accurate and Unequivocal Blood Staging of Cutaneous T-Cell Lymphomas. Blood, 2019, 134, 2848-2848.	1.4	0

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91	Utilizing next-generation sequencing to characterize a case of acute myeloid leukemia with t(4;12)(q12;p13) in the absence of ETV6/CHIC2 and ETV6/PDGFRA gene fusions. Cancer Genetics, 2021, 260-261, 1-5.	0.4	0
92	Spectrum of Hematological Malignancies in 130 Patients with Germline Predisposition Syndromes - Mayo Clinic Germline Predisposition Study. Blood, 2020, 136, 34-35.	1.4	0
93	Clinical, Molecular, and Prognostic Comparisons between Clonal Cytopenias of Undetermined Significance and Lower-Risk Myelodysplastic Syndromes - a Study of 184 Molecularly Annotated Patients. Blood, 2020, 136, 35-36.	1.4	0