Simona Bernardi

List of Publications by Year
in descending order

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75 papers	992 citations	535685 17 h-index	563245 28 g-index
76 all docs	76 docs citations	76 times ranked	1783 citing authors

#	Article	IF	Citations
1	How We Manage Myelofibrosis Candidates for Allogeneic Stem Cell Transplantation. Cells, 2022, 11, 553.	1.8	5
2	Stratification of Oligometastatic Prostate Cancer Patients by Liquid Biopsy: Clinical Insights from a Pilot Study. Biomedicines, 2022, 10, 1321.	1.4	5
3	dsDNA from extracellular vesicles (EVs) in adult AML. Annals of Hematology, 2021, 100, 1355-1356.	0.8	11
4	RT-qPCR versus Digital PCR: How Do They Impact Differently on Clinical Management of Chronic Myeloid Leukemia Patients?. Case Reports in Oncology, 2021, 13, 1263-1269.	0.3	18
5	Exosomes and Extracellular Vesicles in Myeloid Neoplasia: The Multiple and Complex Roles Played by These â€œMagic Bulletsâ€• Biology, 2021, 10, 105.	1.3	11
6	Molecular response and quality of life in chronic myeloid leukemia patients treated with intermittent TKIs: First interim analysis of OPTkIMA study. Cancer Medicine, 2021, 10, 1726-1737.	1.3	9
7	Development of BCR-ABL1 Transgenic Zebrafish Model Reproducing Chronic Myeloid Leukemia (CML) Like-Disease and Providing a New Insight into CML Mechanisms. Cells, 2021, 10, 445.	1.8	4
8	Changes in Stem Cell Transplant activity and procedures during SARS-CoV2 pandemic in Italy: an Italian Bone Marrow Transplant Group (GITMO) nationwide analysis (TransCOVID-19 Survey). Bone Marrow Transplantation, 2021, 56, 2272-2275.	1.3	12
9	Alignment of Qx100/Qx200 Droplet Digital (Bio-Rad) and QuantStudio 3D (Thermofisher) Digital PCR for Quantification of BCR-ABL1 in Ph+ Chronic Myeloid Leukemia. Diseases (Basel, Switzerland), 2021, 9, 35.	1.0	10
10	Mineralization of 3D Osteogenic Model Based on Gelatin-Dextran Hybrid Hydrogel Scaffold Bioengineered with Mesenchymal Stromal Cells: A Multiparametric Evaluation. Materials, 2021, 14, 3852.	1.3	7
11	Comparative Mutational Profiling of Hematopoietic Progenitor Cells and Circulating Endothelial Cells (CECs) in Patients with Primary Myelofibrosis. Cells, 2021, 10, 2764.	1.8	8
12	Exosomes in Chronic Myeloid Leukemia: Are We Reading a New Reliable Message?. Acta Haematologica, 2020, 143, 509-510.	0.7	12
13	Isolation of extracellular vesicles improves the detection of mutant DNA from plasma of metastatic melanoma patients. Scientific Reports, 2020, 10, 15745.	1.6	41
14	Successful hematopoietic stem cell transplantation for complete CTLA-4 haploinsufficiency due to a de novo monoallelic 2q33.2-2q33.3 deletion. Clinical Immunology, 2020, 220, 108589.	1.4	2
15	Molecular Testing in CML between Old and New Methods: Are We at a Turning Point?. Journal of Clinical Medicine, 2020, 9, 3865.	1.0	23
16	Extracellular Vesicles: From Biomarkers to Therapeutic Tools. Biology, 2020, 9, 258.	1.3	36
17	Advances in CMV Management: A Single Center Real-Life Experience. Frontiers in Cell and Developmental Biology, 2020, 8, 534268.	1.8	16
18	Chitosan-Hydrogel Polymeric Scaffold Acts as an Independent Primary Inducer of Osteogenic Differentiation in Human Mesenchymal Stromal Cells. Materials, 2020, 13, 3546.	1.3	12

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19	Case Report: Late Onset of Myelodysplastic Syndrome From Donor Progenitor Cells After Allogeneic Stem Cell Transplantation. Which Lessons Can We Draw From the Reported Case?. Frontiers in Oncology, 2020, 10, 564521.	1.3	5
20	Multidimensional geriatric assessment for elderly hematological patients (â‰¥60 years) submitted to allogeneic stem cell transplantation. A Frenchâ€“Italian 10-year experience on 228 patients. Bone Marrow Transplantation, 2020, 55, 2224-2233.	1.3	23
21	When Less Is More: Specific Capture and Analysis of Tumor Exosomes in Plasma Increases the Sensitivity of Liquid Biopsy for Comprehensive Detection of Multiple Androgen Receptor Phenotypes in Advanced Prostate Cancer Patients. Biomedicines, 2020, 8, 131.	1.4	33
22	Minimal residual disease monitoring in acute myeloid leukaemia: are we ready to move from bone marrow to peripheral blood?. British Journal of Haematology, 2020, 190, 135-136.	1.2	5
23	ETV6: A Candidate Gene for Predisposition to â€œBlend Pedigreesâ€? A Case Report from the NEXT-Famly Clinical Trial. Case Reports in Hematology, 2020, 2020, 1-7.	0.3	7
24	A Systematic Review of the Literature and Perspectives on the Role of Biomarkers in the Management of Malnutrition After Allogeneic Hematopoietic Stem Cell Transplantation. Frontiers in Immunology, 2020, 11, 535890.	2.2	10
25	Biological versus Clinical Risk Factors in Acute Myeloid Leukemia: Is There a Winner?. Case Reports in Hematology, 2019, 2019, 1-4.	0.3	1
26	Rational Design and Development of Anisotropic and Mechanically Strong Gelatinâ€Based Stress Relaxing Hydrogels for Osteogenic/Chondrogenic Differentiation. Macromolecular Bioscience, 2019, 19, 1900099.	2.1	13
27	CMV MANAGEMENT WITH SPECIFIC IMMUNOGLOBULINS: A MULTICENTRIC RETROSPECTIVE ANALYSIS ON 92 ALLOTRANSPLANTED PATIENTS.. Mediterranean Journal of Hematology and Infectious Diseases, 2019, 11, e2019048.	0.5	9
28	Invasive pulmonary aspergillosis in acute leukemia: a still frequent condition with a negative impact on the overall treatment outcome. Leukemia and Lymphoma, 2019, 60, 3044-3050.	0.6	17
29	â€œVariantâ€specific discrepancy when quantitating BCRâ€ABL1 e13a2 and e14a2 transcripts using the Europe Against Cancer qPCR assay.â€•Is dPCR the key?. European Journal of Haematology, 2019, 103, 272-273.	1.1	24
30	3D gelatin-chitosan hybrid hydrogels combined with human platelet lysate highly support human mesenchymal stem cell proliferation and osteogenic differentiation. Journal of Tissue Engineering, 2019, 10, 204173141984585.	2.3	59
31	Digital PCR improves the quantitation of DMR and the selection of CML candidates to TKIs discontinuation. Cancer Medicine, 2019, 8, 2041-2055.	1.3	63
32	Zebrafish disease models in hematology: Highlights on biological and translational impact. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 620-633.	1.8	18
33	Aneuploid acute myeloid leukemia exhibits a signature of genomic alterations in the cell cycle and protein degradation machinery. Cancer, 2019, 125, 712-725.	2.0	49
34	Multidimensional Geriatric Assessment for Elderly Patients (â‰¥60 years) Submitted for Allogeneic Stem Cell Transplantation. a French (Paris) - Italian (Brescia) 10-Years Experience on 228 Patients. Blood, 2019, 134, 41-41.	0.6	2
35	Comparative Somatic Mutational Profiling of CD34+ Hematopoietic Precursors (HSC) and Circulating Endothelial Cells (CEC) in Patients with Primary Myelofibrosis (PMF). Blood, 2019, 134, 1684-1684.	0.6	3
36	Feasibility of tumorâ€derived exosome enrichment in the oncoâ€hematology leukemic model of chronic myeloid leukemia. International Journal of Molecular Medicine, 2019, 44, 2133-2144.	1.8	27

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37	PF688ÂJAK2 ALLELIC RATIO IMPACTS ON VASCULAR EVENT IN MYELOFIBROSIS BY INCREASING THE RISK OF THROMBOSIS. A SINGLE CENTER EXPERIENCE ON 150ÂPATIENTS. HemaSphere, 2019, 3, 298.	1.2	1
38	Comparative study on ATG-thymoglobulin versus ATG-fresenius for the graft-versus-host disease (GVHD) prophylaxis in allogeneic stem cell transplantation from matched unrelated donor: a single-centre experience over the contemporary years. Leukemia and Lymphoma, 2018, 59, 2700-2705.	0.6	12
39	The role of allogeneic hematopoietic stem cell transplantation in the four P medicine era. Blood Research, 2018, 53, 3.	0.5	12
40	Identification of a Novel Mutation Predisposing to Familial AML and MDS Syndrome By a NGS Approach. Blood, 2018, 132, 4387-4387.	0.6	1
41	Comparative Monitoring of Minimal Residual Disease (MRD) By RT-Quantitative (RT-qPCR) and Digital PCR (dPCR) in Ph+ Chronic Myeloid Leukemia (CML) Patients Treated with TKIs for Recognition of Stable Deep Molecular Response (DMR) and Identification of Best Candidates to TKIs Treatment Discontinuation. Blood, 2018, 132, 3012-3012.	0.6	1
42	Minimal Residual Disease Detection at RNA and Leukemic Stem Cell (LSC) Level. Comparison of Qpcr, d-PCR and CD26 Stem Cell Measurements in Chronic Myeloid Leukemia (CML) Patients in Deep Molecular Response (DMR). Blood, 2018, 132, 4244-4244.	0.6	2
43	Oligometastatic prostate cancer patients stratification: A molecular signature identified by liquid biopsy.. Journal of Clinical Oncology, 2018, 36, TPS400-TPS400.	0.8	3
44	Co-isolation and analysis of extracellular vesicle (EV)-associated DNA and cell free DNA (cfDNA) to improve the diagnostic and prognostic value of circulating BRAF V600E in metastatic melanoma patients.. Journal of Clinical Oncology, 2018, 36, e21564-e21564.	0.8	0
45	First Interim Report of the Italian Multicentric Phase-III Randomized Study to Optimize TKIs Multiple Approaches - (OPTkIMA) in Elderly Patients (older than 60 years) with Ph+ Chronic Myeloid Leukemia (CML) and MR3.0/ MR4.0 Stable Molecular Response. Blood, 2018, 132, 4251-4251.	0.6	0
46	Clinical Care of Hematological Patients in a Bone Marrow Transplant Unit: Do Human Resources Influence Infection Incidence?. Infection Control and Hospital Epidemiology, 2017, 38, 1131-1132.	1.0	0
47	Detection of newly produced T and B lymphocytes by digital PCR in blood stored dry on nylon flocked swabs. Journal of Translational Medicine, 2017, 15, 70.	1.8	13
48	Circulating endothelial cell count: a reliable marker of endothelial damage in patients undergoing hematopoietic stem cell transplantation. Bone Marrow Transplantation, 2017, 52, 1637-1642.	1.3	30
49	Single Step Multiple Genotyping by MALDI-TOF Mass Spectrometry, for Evaluation of Minor Histocompatibility Antigens in Patients Submitted to Allogeneic Stem Cell Transplantation from HLA-Matched Related and Unrelated Donor. Hematology Reports, 2017, 9, 7051.	0.3	6
50	Digital PCR (Dpcr) a Step Forward to Detection and Quantification of Minimal Residual Disease (MRD) in Ph+/BCR-ABL1 Chronic Myeloid Leukemia (CML). Journal of Molecular Biomarkers & Diagnosis, 2017, 08, .	0.4	11
51	Mesenchymal stromal cells (MSCs) induce ex vivo proliferation and erythroid commitment of cord blood haematopoietic stem cells (CB-CD34+ cells). PLoS ONE, 2017, 12, e0172430.	1.1	35
52	BACTERIAL BLOOD STREAM INFECTIONS NEGATIVELY IMPACT ON OUTCOME OF PATIENTS TREATED WITH ALLOGENEIC STEM CELL TRANSPLANTATION: 6 YEARS SINGLE-CENTRE EXPERIENCE. Mediterranean Journal of Hematology and Infectious Diseases, 2016, 9, e2017036.	0.5	9
53	Optimized pipeline of MuTect and GATK tools to improve the detection of somatic single nucleotide polymorphisms in whole-exome sequencing data. BMC Bioinformatics, 2016, 17, 341.	1.2	103
54	Postremission sequential monitoring of minimal residual disease by <scp>WT</scp>1 Qâ€<scp>PCR</scp> and multiparametric flow cytometry assessment predicts relapse and may help to address riskâ€adapted therapy in acute myeloid leukemia patients. Cancer Medicine, 2016, 5, 265-274.	1.3	32

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55	Abstract A27: European Network NGS-PTL preliminary data: Whole exome sequencing identifies mutations of ALDH2, RETSAT, HSPG2, CHPF and other metabolic genes as a novel functional category in acute myeloid leukemia. , 2016, , .		1
56	Aggressive Aneuploid Acute Myeloid Leukemia Is Dependent on Alterations of P53, Gain of APC and PLK1 and Loss of RAD50. Blood, 2016, 128, 1702-1702.	0.6	1
57	Abstract 90: A cell cycle-related genomic and transcriptomic signature distinguish aneuploid and euploid acute myeloid leukemia. Cancer Research, 2016, 76, 90-90.	0.4	1
58	Comparative Study on Fresenius-ATG Versus Thymoglobuline-ATG for the Graft Versus Host Disease (GVHD) Prophylaxis in Allogeneic Stem Cell Transplantation from Matched Unrelated Donor: A Single Center Experience on 76 Patients. Blood, 2016, 128, 4601-4601.	0.6	0
59	Managing chronic myeloid leukaemia in the elderly with intermittent imatinib treatment. Blood Cancer Journal, 2015, 5, e347-e347.	2.8	29
60	A Gene Panel NGS-Based Strategy for Genomic Characterization of Acute Myeloid Leukemias (AMLs). Blood, 2015, 126, 4952-4952.	0.6	0
61	A Specific Pattern of Somatic Mutations Associates with Poor Prognosis Aneuploid Acute Myeloid Leukemia: Results from the European NGS-PTL Consortium. Blood, 2015, 126, 3840-3840.	0.6	0
62	Index of Bone Marrow Output and Imbalance of B-Lymphocyte Homeostasis before and after Transplantation Correlate Differently with Graft-Versus-Host Disease and Relapse. Blood, 2015, 126, 3150-3150.	0.6	0
63	Digital PCR (dPCR) Overcomes the Limitations in Detection and in Quantification of Quantitative PCR (qPCR) and Reveals Different Levels of BCR-ABL1 Copies/Âµl Among the Chronic Myeloid Leukemia (CML) Patients Achieving Major (MR3.0) or DEEP (MR4.0, MR4.5 and MR5.0) Molecular Response with Tyrosin Kynase Inhibitors (TKIs). Blood, 2015, 126, 4028-4028.	0.6	0
64	Peripheral Blood WT1 Expression Predicts Relapse in AML Patients Undergoing Allogeneic Stem Cell Transplantation. BioMed Research International, 2014, 2014, 1-5.	0.9	20
65	A specific Tollâ€like receptor profile on T lymphocytes and values of monocytes correlate with bacterial, fungal, and cytomegalovirus infections in the early period of allogeneic stem cell transplantation. Transplant Infectious Disease, 2014, 16, 697-712.	0.7	8
66	WT1 Monitoring of Minimal Residual Disease (MRD) in Patients with Acute Myeloid Leukemia. Blood, 2014, 124, 3695-3695.	0.6	1
67	SIRPB1 Is a Strong Predictor Biomarker of Response to 5-Azacitidine Therapy in MDS and AML Patients. Blood, 2014, 124, 1030-1030.	0.6	0
68	Dissecting the Molecular Mechanisms of Aneuploidy in Acute Myeloid Leukemia By Next Generation Sequencing. Blood, 2014, 124, 1028-1028.	0.6	1
69	Next-Generation Sequencing Analysis Revealed That BCL11B Chromosomal Translocation Cooperates with Point Mutations in the Pathogenesis of Acute Myeloid Leukemia. Blood, 2014, 124, 2352-2352.	0.6	0
70	Parameters of Protein Metabolism and Thyroid Function As Predictors in a Scoring System for Acute and Chronic Graft-Versus-Host Disease. Blood, 2014, 124, 3932-3932.	0.6	3
71	Genomic Analisys of Notch Mutations in a Case of Alagille Syndrome with Acute Lymphoblastic Leukemia. Blood, 2014, 124, 5338-5338.	0.6	1
72	Genomic Analysis Of Notch Mutations In a Case Of Alagille Syndrome With Acute Lymphoblastic Leukemia. Blood, 2013, 122, 4992-4992.	0.6	1

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73	Targeting HRASV12G Expression to the Zebrafish Early Hemogenic Progenitors Induces a Myeloproliferative Disorder by Repressing the Notch Pathway. Blood, 2012, 120, 4676-4676.	0.6	1
74	Alterations of AQP2 expression in trigeminal ganglia in a murine inflammation model. Neuroscience Letters, 2009, 449, 183-188.	1.0	26
75	Results of an Innovative Program for Surveillance, Prophylaxis, and Treatment of Infectious Complications Following Allogeneic Stem Cell Transplantation in Hematological Malignancies (BATMO Protocol). Frontiers in Oncology, 0, 12, .	1.3	8