

Daniela Montagna

List of Publications by Year in descending order

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52
papers

3,216
citations

236833

25
h-index

189801

50
g-index

53
all docs

53
docs citations

53
times ranked

4909
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Bone Marrowâ€œDerived Mesenchymal Stem Cells Do Not Undergo Transformation after Long-term<i>In vitro</i> Culture and Do Not Exhibit Telomere Maintenance Mechanisms. <i>Cancer Research</i> , 2007, 67, 9142-9149.	0.4	649
2	Interaction of human mesenchymal stem cells with cells involved in alloantigen-specific immune response favors the differentiation of CD4+ T-cell subsets expressing a regulatory/suppressive phenotype. <i>Haematologica</i> , 2005, 90, 516-25.	1.7	444
3	Anti-leukemia activity of alloreactive NK cells in KIR ligand-mismatched haploidentical HSCT for pediatric patients: evaluation of the functional role of activating KIR and redefinition of inhibitory KIR specificity. <i>Blood</i> , 2009, 113, 3119-3129.	0.6	343
4	Infusion of autologous Epstein-Barr virus (EBV)â€œspecific cytotoxic T cells for prevention of EBV-related lymphoproliferative disorder in solid organ transplant recipients with evidence of active virus replication. <i>Blood</i> , 2002, 99, 2592-2598.	0.6	230
5	Functional specialization of human circulating CD16 and CD1c myeloid dendritic-cell subsets. <i>Blood</i> , 2007, 109, 5371-5379.	0.6	207
6	Depletion of Alloreactive T Cells by a Specific Antiâ€œInterleukin-2 Receptor p55 Chain Immunotoxin Does Not Impair In Vitro Antileukemia and Antiviral Activity. <i>Blood</i> , 1999, 93, 3550-3557.	0.6	119
7	Neonatal invariant VÎ±24+ NKT lymphocytes are activated memory cells. <i>European Journal of Immunology</i> , 2000, 30, 1544-1550.	1.6	108
8	Invariant NKT Cell Reconstitution in Pediatric Leukemia Patients Given HLA-Haploidentical Stem Cell Transplantation Defines Distinct CD4+ and CD4â€œ Subset Dynamics and Correlates with Remission State. <i>Journal of Immunology</i> , 2011, 186, 4490-4499.	0.4	85
9	A novel self-lipid antigen targets human T cells against CD1c+ leukemias. <i>Journal of Experimental Medicine</i> , 2014, 211, 1363-1377.	4.2	80
10	Donor/recipient mixed chimerism does not predict graft failure in children with Â-thalassemia given an allogeneic cord blood transplant from an HLA-identical sibling. <i>Haematologica</i> , 2008, 93, 1859-1867.	1.7	68
11	Ex vivo priming for long-term maintenance of antileukemia human cytotoxic T cells suggests a general procedure for adoptive immunotherapy. <i>Blood</i> , 2001, 98, 3359-3366.	0.6	55
12	Notch1 regulates chemotaxis and proliferation by controlling the CCâ€œchemokine receptors 5 and 9 in T cell acute lymphoblastic leukaemia. <i>Journal of Pathology</i> , 2012, 226, 713-722.	2.1	54
13	An improved PCR-heteroduplex method permits high-sensitivity detection of clonal expansions in complex T cell populations. <i>Journal of Immunological Methods</i> , 1996, 196, 181-192.	0.6	51
14	Human Mesenchymal Stem Cells and Cyclosporin A Exert a Synergistic Suppressive Effect on In Vitro Activation of Alloantigen-Specific Cytotoxic Lymphocytes. <i>Biology of Blood and Marrow Transplantation</i> , 2005, 11, 1031-1032.	2.0	51
15	Store-Operated Ca ²⁺ Entry Does Not Control Proliferation in Primary Cultures of Human Metastatic Renal Cellular Carcinoma. <i>BioMed Research International</i> , 2014, 2014, 1-19.	0.9	51
16	Constitutive Store-Operated Ca ²⁺ Entry Leads to Enhanced Nitric Oxide Production and Proliferation in Infantile Hemangioma-Derived Endothelial Colony-Forming Cells. <i>Stem Cells and Development</i> , 2016, 25, 301-319.	1.1	51
17	Interleukin-27 Inhibits the Growth of Pediatric Acute Myeloid Leukemia in NOD/SCID<i>Il2rgâ€œ/â€œ</i> Mice. <i>Clinical Cancer Research</i> , 2012, 18, 1630-1640.	3.2	50
18	Emergence of antitumor cytolytic T cells is associated with maintenance of hematologic remission in children with acute myeloid leukemia. <i>Blood</i> , 2006, 108, 3843-3850.	0.6	45

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19	T lymphocytes of recipient origin may contribute to the recovery of specific immune response toward viruses and fungi in children undergoing cord blood transplantation. <i>Blood</i> , 2004, 103, 4322-4329.	0.6	36
20	Stim and Orai mediate constitutive Ca ²⁺ entry and control endoplasmic reticulum Ca ²⁺ refilling in primary cultures of colorectal carcinoma cells. <i>Oncotarget</i> , 2018, 9, 31098-31119.	0.8	36
21	Direct inhibition of human acute myeloid leukemia cell growth by IL-12. <i>Immunology Letters</i> , 2010, 133, 99-105.	1.1	34
22	Feasibility and safety of adoptive immunotherapy with ex vivo-generated autologous, cytotoxic T lymphocytes in patients with solid tumor. <i>Cytotherapy</i> , 2012, 14, 80-90.	0.3	29
23	Lymphocyte subpopulations in the neonate: A subset of HNK-1 ⁺ , OKT3 ⁺ , OKT8 ⁺ lymphocytes displays natural killer activity. <i>Cellular Immunology</i> , 1984, 85, 252-257.	1.4	27
24	On the use of donor-derived iNKT cells for adoptive immunotherapy to prevent leukemia recurrence in pediatric recipients of HLA haploidentical HSCT for hematological malignancies. <i>Clinical Immunology</i> , 2011, 140, 152-159.	1.4	26
25	In Vitro Killing of Colorectal Carcinoma Cells by Autologous Activated NK Cells is Boosted by Anti-Epidermal Growth Factor Receptor-induced ADCC Regardless of RAS Mutation Status. <i>Journal of Immunotherapy</i> , 2018, 41, 190-200.	1.2	26
26	Generation and ex vivo expansion of cytotoxic T lymphocytes directed toward different types of leukemia or myelodysplastic cells using both HLA-matched and partially matched donors. <i>Experimental Hematology</i> , 2003, 31, 1031-1038.	0.2	24
27	Ex vivo generation and expansion of anti-tumor cytotoxic T-cell lines derived from patients or their HLA-identical sibling. <i>International Journal of Cancer</i> , 2004, 110, 76-86.	2.3	23
28	Interleukin-15 Favors the Expansion of Central Memory CD8 ⁺ T Cells in Ex Vivo Generated, Antileukemia Human Cytotoxic T Lymphocyte Lines. <i>Journal of Immunotherapy</i> , 2008, 31, 385-393.	1.2	23
29	Autoantibodies Against Proteins Previously Associated With Autoimmunity in Adult and Pediatric Patients With COVID-19 and Children With MIS-C. <i>Frontiers in Immunology</i> , 2022, 13, 841126.	2.2	18
30	Hydrogen Sulfide-Evoked Intracellular Ca ²⁺ Signals in Primary Cultures of Metastatic Colorectal Cancer Cells. <i>Cancers</i> , 2020, 12, 3338.	1.7	15
31	Bone marrow-resident memory T cells survive pretransplant chemotherapy and contribute to early immune reconstitution of patients with acute myeloid leukemia given mafosfamide-purged autologous bone marrow transplantation. <i>Experimental Hematology</i> , 2005, 33, 212-218.	0.2	14
32	Single-Cell Cloning of Human, Donor-Derived Antileukemia T-Cell Lines for In vitro Separation of Graft-versus-Leukemia Effect from Graft-versus-Host Reaction. <i>Cancer Research</i> , 2006, 66, 7310-7316.	0.4	14
33	PaCS Is a Novel Cytoplasmic Structure Containing Functional Proteasome and Inducible by Cytokines/Trophic Factors. <i>PLoS ONE</i> , 2013, 8, e82560.	1.1	13
34	natural killer cell activity in preterm infants: Effect of intravenous immune globulin administration. <i>Journal of Pediatrics</i> , 1990, 117, 465-466.	0.9	12
35	Frequency of donor cytotoxic T cell precursors does not correlate with occurrence of acute graft-versus-host disease in children transplanted using unrelated donors. <i>Journal of Clinical Immunology</i> , 1996, 16, 107-114.	2.0	11
36	Acquired immune deficiency syndrome in childhood: Impaired production of interleukin-2 by HIV (LAV/HTLV III) infected patients. <i>Infection</i> , 1987, 15, 99-104.	2.3	10

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37	In Vitro Efficient Expansion of Tumor Cells Deriving from Different Types of Human Tumor Samples. <i>Medical Sciences (Basel, Switzerland)</i> , 2014, 2, 70-81.	1.3	9
38	Hyper IgE syndrome: anaphylaxis in a patient carrying the N567DSTAT3mutation. <i>Pediatric Allergy and Immunology</i> , 2014, 25, 503-505.	1.1	9
39	Evaluation of infectious complications and immune recovery following high-dose chemotherapy (HDC) and autologous peripheral blood progenitor cell transplantation (PBPC-T) in 148 breast cancer patients. <i>Anticancer Research</i> , 2002, 22, 3701-8.	0.5	9
40	Innovative approaches of adoptive immune cell therapy in paediatric recipients of haematopoietic stem cell transplantation. <i>Best Practice and Research in Clinical Haematology</i> , 2004, 17, 479-492.	0.7	8
41	Different Polyubiquitinated Bodies in Human Dendritic Cells: IL-4 Causes PaCS During Differentiation while LPS or IFN γ Induces DALIS During Maturation. <i>Scientific Reports</i> , 2017, 7, 1844.	1.6	7
42	Store-Operated Ca $^{2+}$ Entry Is Up-Regulated in Tumour-Infiltrating Lymphocytes from Metastatic Colorectal Cancer Patients. <i>Cancers</i> , 2022, 14, 3312.	1.7	7
43	Immunotherapeutic Intervention against Sarcomas. <i>Journal of Cancer</i> , 2011, 2, 350-356.	1.2	6
44	Innovative approaches of adoptive immune cell therapy in paediatric recipients of haematopoietic stem cell transplantation. <i>Best Practice and Research in Clinical Haematology</i> , 2004, 17, 479-492.	0.7	6
45	Cytokine-Induced Memory-Like NK Cells with High Reactivity against Acute Leukemia Blasts and Solid Tumor Cells Suitable for Adoptive Immunotherapy Approaches. <i>Cancers</i> , 2021, 13, 1577.	1.7	5
46	Low percentages of circulating CD8 $^{+}$ /CD45RA $^{+}$ human T lymphocytes expressing α 2 β 1 integrin correlate with the occurrence of intestinal acute graft-versus-host disease after allogeneic hematopoietic stem cell transplantation. <i>Experimental Hematology</i> , 2006, 34, 1429-1434.	0.2	4
47	Generation of donor-derived Wilms tumor antigen α -specific cytotoxic T lymphocytes with potent anti-leukemia activity for somatic cell therapy in children given haploidentical stem cell transplantation: a feasibility pre-clinical study. <i>Cytotherapy</i> , 2019, 21, 958-972.	0.3	4
48	An Efficient Strategy to Induce and Maintain In Vitro Human T Cells Specific for Autologous Non-Small Cell Lung Carcinoma. <i>PLoS ONE</i> , 2010, 5, e12014.	1.1	3
49	Human T cells engineered with a leukemia lipid-specific TCR enables donor-unrestricted recognition of CD1c-expressing leukemia. <i>Nature Communications</i> , 2021, 12, 4844.	5.8	3
50	Case Report: Long-Lasting Response in a Patient with Metastatic Renal Cell Cancer Receiving Antitumor Cytotoxic T Lymphocytes. <i>Tumori</i> , 2013, 99, e282-e284.	0.6	1
51	Discarded fraction from bone marrow erythrocyte depletion procedure is a good source of multipotent mesenchymal stromal cells. <i>Cytotherapy</i> , 2013, 15, 879-880.	0.3	0
52	Case report: long-lasting response in a patient with metastatic renal cell cancer receiving antitumor cytotoxic T lymphocytes. <i>Tumori</i> , 2013, 99, 282e-4e.	0.6	0