Claudia Del Fante

List of Publications by Year
in descending order

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89 papers	2,309 citations	218677 26 h-index	223800 46 g-index
93 all docs	93 docs citations	93 times ranked	3397 citing authors

#	Article	IF	Citations
1	Optimization of in vitro expansion of human multipotent mesenchymal stromal cells for cell-therapy approaches: Further insights in the search for a fetal calf serum substitute. Journal of Cellular Physiology, 2007, 211, 121-130.	4.1	258
2	Extracorporeal photochemotherapy for paediatric patients with graft-versus-host disease after haematopoietic stem cell transplantation. British Journal of Haematology, 2003, 122, 118-127.	2.5	174
3	Extracorporeal photochemotherapy for treatmentof acute and chronic GVHD in childhood. Transfusion, 2001, 41, 1299-1305.	1.6	131
4	Mortality reduction in 46 severe Covid-19 patients treated with hyperimmune plasma. A proof of concept single arm multicenter trial. Haematologica, 2020, 105, 2834-2840.	3.5	114
5	Generation of mesenchymal stromal cells in the presence of platelet lysate: a phenotypic and functional comparison of umbilical cord blood- and bone marrow-derived progenitors. Haematologica, 2009, 94, 1649-1660.	3.5	111
6	Extracorporeal photochemotherapy in graftâ€versusâ€host disease: a longitudinal study on factors influencing the response and survival in pediatric patients. Transfusion, 2010, 50, 1359-1369.	1.6	106
7	Wound dressings based on silver sulfadiazine solid lipid nanoparticles for tissue repairing. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 84, 84-90.	4.3	88
8	A New Medical Device Rigeneracons Allows to Obtain Viable Microâ€Grafts From Mechanical Disaggregation of Human Tissues. Journal of Cellular Physiology, 2015, 230, 2299-2303.	4.1	81
9	Development of chitosan oleate ionic micelles loaded with silver sulfadiazine to be associated with platelet lysate for application in wound healing. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 88, 643-650.	4.3	78
10	Platelet lysate formulations based on mucoadhesive polymers for the treatment of corneal lesions. Journal of Pharmacy and Pharmacology, 2011, 63, 189-198.	2.4	60
11	â€œSponge-likeâ€•dressings based on biopolymers for the delivery of platelet lysate to skin chronic wounds. International Journal of Pharmaceutics, 2013, 440, 207-215.	5.2	59
12	Thermosensitive eyedrops containing platelet lysate for the treatment of corneal ulcers. International Journal of Pharmaceutics, 2012, 426, 1-6.	5.2	51
13	Autologous platelet lysate for treatment of refractory ocular GVHD. Bone Marrow Transplantation, 2012, 47, 1558-1563.	2.4	49
14	A new automated cell washer device for thawed cord blood units. Transfusion, 2004, 44, 900-906.	1.6	44
15	In Vitro and In Vivo Differentiation of Progenitor Stem Cells Obtained After Mechanical Digestion of Human Dental Pulp. Journal of Cellular Physiology, 2017, 232, 548-555.	4.1	44
16	Response and survival of patients with chronic graftâ€versusâ€host disease treated by extracorporeal photochemotherapy: a retrospective study according to classical and National Institutes of Health classifications. Transfusion, 2012, 52, 2007-2015.	1.6	42
17	Platelet Lysate Mucohadesive Formulation to Treat Oral Mucositis in Graft Versus Host Disease Patients: A New Therapeutic Approach. AAPS PharmSciTech, 2011, 12, 893-9.	3.3	41
18	Plasma from donors recovered from the new Coronavirus 2019 as therapy for critical patients with COVID-19 (COVID-19 plasma study): a multicentre study protocol. Internal and Emergency Medicine, 2020, 15, 819-824.	2.0	41

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19	Long-Term Off-Line Extracorporeal Photochemotherapy in Patients with Chronic Lung Allograft Rejection Not Responsive to Conventional Treatment: A 10-Year Single-Centre Analysis. Respiration, 2015, 90, 118-128.	2.6	40
20	Calcium alginate particles for the combined delivery of platelet lysate and vancomycin hydrochloride in chronic skin ulcers. International Journal of Pharmaceutics, 2014, 461, 505-513.	5.2	37
21	An In Situ Gelling Buccal Spray Containing Platelet Lysate for the Treatment of Oral Mucositis. Current Drug Discovery Technologies, 2011, 8, 277-285.	1.2	35
22	Long-term safety and efficacy of autologous platelet lysate drops for treatment of ocular GvHD. Bone Marrow Transplantation, 2017, 52, 101-106.	2.4	35
23	A Novel Method for Isolation of Pluripotent Stem Cells from Human Umbilical Cord Blood. Stem Cells and Development, 2017, 26, 1258-1269.	2.1	31
24	Platelet lysate loaded electrospun scaffolds: Effect of nanofiber types on wound healing. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 142, 247-257.	4.3	31
25	New Therapeutic Platforms for the Treatment of Epithelial and Cutaneous Lesions. Current Drug Delivery, 2013, 10, 18-31.	1.6	30
26	A retrospective study assessing the characteristics of COVIDâ€19 convalescent plasma donors and donations. Transfusion, 2021, 61, 830-838.	1.6	28
27	Sponge-Like Dressings Based on the Association of Chitosan and Sericin for the Treatment of Chronic Skin Ulcers. II. Loading of the Hemoderivative Platelet Lysate. Journal of Pharmaceutical Sciences, 2016, 105, 1188-1195.	3.3	27
28	Autologous immuno magnetically selected CD133+ stem cells in the treatment of no-option critical limb ischemia: clinical and contrast enhanced ultrasound assessed results in eight patients. Journal of Translational Medicine, 2015, 13, 342.	4.4	25
29	Electrospun Gelatinâ€“Chondroitin Sulfate Scaffolds Loaded with Platelet Lysate Promote Immature Cardiomyocyte Proliferation. Polymers, 2018, 10, 208.	4.5	24
30	Extracorporeal photopheresis as a new supportive therapy for bronchiolitis obliterans syndrome after allogeneic stem cell transplantation. Bone Marrow Transplantation, 2016, 51, 728-731.	2.4	23
31	Platelet lysate and chondroitin sulfate loaded contact lenses to heal corneal lesions. International Journal of Pharmaceutics, 2016, 509, 188-196.	5.2	22
32	Stem cells: sources and therapies. Biological Research, 2012, 45, 207-214.	3.4	21
33	Allogeneic Lethally Irradiated Cord Blood Mononuclear Cells in No-Option Critical Limb Ischemia: A â€œBox of Rainâ€. Stem Cells and Development, 2013, 22, 2806-2812.	2.1	20
34	Association of Alpha Tocopherol and Ag Sulfadiazine Chitosan Oleate Nanocarriers in Bioactive Dressings Supporting Platelet Lysate Application to Skin Wounds. Marine Drugs, 2018, 16, 56.	4.6	19
35	The protective effect of O blood type against SARSâ€CoVâ€2 infection. Vox Sanguinis, 2021, 116, 249-250.	1.5	19
36	Mononuclear cell collection for extracorporeal photochemotherapy: a study comparing an automatic and a semiautomatic apheresis device. Transfusion, 2013, 53, 2027-2033.	1.6	17

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37	Peripheral blood progenitor cell mobilization and collection in 42 patients with primary systemic amyloidosis. Transfusion, 2005, 45, 1729-1734.	1.6	15
38	Reflections on methodical approaches to hematopoietic stem cell collection in children. Transfusion and Apheresis Science, 2018, 57, 425-427.	1.0	14
39	Daily plasma-exchange for life-threatening class I HELLP syndrome with prevalent pulmonary involvement. Transfusion and Apheresis Science, 2006, 34, 7-9.	1.0	13
40	Screening of related donors and peripheral blood stem cell collection practices at different Italian apheresis centres. Blood Transfusion, 2012, 10, 440-7.	0.4	13
41	Immunomagnetic Cell Selection Performed for HLA Haploidentical Transplants with the CliniMACS Device: Effect of Additional Platelet Removal on CD34+Cell Recovery. Stem Cells and Development, 2005, 14, 734-739.	2.1	11
42	Clinical impact of a new automated system employed for peripheral blood stem cell collection. Journal of Clinical Apheresis, 2006, 21, 227-232.	1.3	11
43	A cross-sectional study on vision-related quality of life in patients with ocular GvHD. Bone Marrow Transplantation, 2015, 50, 1224-1226.	2.4	11
44	The start-up of the first hematopoietic stem cell transplantation center in the Iraqi Kurdistan: a capacity-building cooperative project by the Hiwa Cancer Hospital, Sulaymaniyah, and the Italian Agency for Development Cooperation.. Mediterranean Journal of Hematology and Infectious Diseases, 2016, 9, e2017031.	1.3	11
45	Comparison of two automated mononuclear cell collection systems in patients undergoing extracorporeal photopheresis: a prospective crossover equivalence study. Transfusion, 2016, 56, 2078-2084.	1.6	11
46	Bioactive Medications for the Delivery of Platelet Derivatives to Skin Wounds. Current Drug Delivery, 2019, 16, 472-483.	1.6	10
47	Harnessing T Cells to Control Infections After Allogeneic Hematopoietic Stem Cell Transplantation. Frontiers in Immunology, 2020, 11, 567531.	4.8	10
48	Successful T-cellâ€“depleted Haploidentical Hematopoietic Stem Cell Transplantation in a Child With Dyskeratosis Congenita After a Fludarabine-based Conditioning Regimen. Journal of Pediatric Hematology/Oncology, 2015, 37, 322-326.	0.6	9
49	Extracorporeal photopheresis for bronchiolitis obliterans syndrome after allogeneic stem cell transplant: An emerging therapeutic approach?. Transfusion and Apheresis Science, 2017, 56, 17-19.	1.0	9
50	Challenges in the Production of Convalescent Hyperimmune Plasma in the Age of COVID-19. Seminars in Thrombosis and Hemostasis, 2020, 46, 804-806.	2.7	9
51	N of 1, two contemporary arm, randomised controlled clinical trial for bilateral epicondylitis: a new study design. BMJ: British Medical Journal, 2011, 343, d7653-d7653.	2.3	7
52	Photopheresis Abates the Anti-HLA Antibody Titer and Renal Failure Progression in Chronic Antibody-Mediated Rejection. Biology, 2021, 10, 547.	2.8	7
53	Reflections on the usefulness of extracorporeal photopheresis in renal transplant rejection: A concise review of the involved mechanisms and therapeutic perspectives. Transfusion and Apheresis Science, 2018, 57, 115-117.	1.0	6
54	Automated red blood cell depletion in ABO incompatible grafts in the pediatric setting. Transfusion and Apheresis Science, 2017, 56, 895-899.	1.0	5

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55	A Gold Standard Protocol for Human Megakaryocyte Culture Based on the Analysis of 1,500 Umbilical Cord Blood Samples. Thrombosis and Haemostasis, 2021, 121, 538-542.	3.4	5
56	Identification of Circulating microRNA Signatures As Potential Noninvasive Biomarkers for Prediction to Response to Extracorporeal Photoapheresis in Patients with Graft Versus Host Disease. Blood, 2019, 134, 4466-4466.	1.4	5
57	Intensive extracorporeal photochemotherapy for severe acute hepatic graft-versus-host disease. Transfusion, 2004, 44, 1531-1532.	1.6	4
58	Quality control on mononuclear cells collected for extracorporeal photochemotherapy: comparison between two <scp>UVâ€A</scp> irradiation devices. Vox Sanguinis, 2015, 109, 403-405.	1.5	4
59	Plasma exchange and immunosuppressive therapy in a case of mild haemophilia A with inhibitors and a life-threatening lower limb haemorrhage. Blood Transfusion, 2014, 12, 119-23.	0.4	4
60	SARS-CoV-2 variants inactivation of plasma units using a riboflavin and ultraviolet light-based photochemical treatment. Transfusion and Apheresis Science, 2022, 61, 103398.	1.0	4
61	A cure for post-radiation proctitis?. Blood Transfusion, 2014, 12 Suppl 1, s243-4.	0.4	3
62	Allogeneic platelet leucocyte-gel to treat occipital decubitus ulcer in a neonate: a case report. Blood Transfusion, 2012, 10, 387-9.	0.4	3
63	Î³-Irradiated cord blood MNCs: Different paracrine effects on mature and progenitor endothelial cells. Microvascular Research, 2014, 94, 9-16.	2.5	2
64	Initial Results of Peripheral-Blood Stem-Cell Mobilization, Collection, Cryopreservation, and Engraftment After Autologous Transplantation Confirm That the Capacity-Building Approach Offers Good Chances of Success in Critical Contexts: A Kurdish-Italian Cooperative Project at the Hiwa Cancer Hospital, Sulaymaniyah. Journal of Global Oncology, 2018, , 1-8.	0.5	2
65	Pediatric apheresis emergencies and urgencies: An update. Transfusion and Apheresis Science, 2018, 57, 339-341.	1.0	2
66	Automated mononuclear cell collection: a feasibility study employing a new software for extracorporeal photopheresis. Vox Sanguinis, 2019, 114, 884-889.	1.5	2
67	An alternative strategy for collecting granulocytes without sedimenting agents. Transfusion, 2006, 46, 1849-1850.	1.6	1
68	Wound Healing: Hemoderivatives and Biopolymers. , 2017, , 1642-1660.		1
69	Phenotypical and Functional Characterization of Umbilical Cord Blood-Derived Mesenchymal Stromal Cells Expanded in the Presence of Platelet Lysate and Comparison with Their Bone Marrow-Derived Counterpart. Blood, 2008, 112, 3484-3484.	1.4	1
70	Platelet Derived Growth Factors in a Mucoadhesive Vehicle for Treatment of Patients with Oral Mucositis in Graft Versus Host Disease. Blood, 2008, 112, 4333-4333.	1.4	1
71	Conditioned Medium Originated From Lethally Irradiated Umbilical Cord Blood-Derived Mononuclear Cells Has Different Pro-Angiogenic Effects Over Mature and Progenitor Endothelial Cells In Vitro. Blood, 2013, 122, 1068-1068.	1.4	1
72	Screening and Diagnosis of Blood-Borne Infections in Italy. Tumori, 2001, 87, 47-48.	1.1	0

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73	Red cell exchange employing phenotypically matched deglycerolized red blood cells to treat acute sickle cell crisis: A case report. Transfusion and Apheresis Science, 2009, 41, 155-156.	1.0	0
74	Umbilical Cord Blood (UCB) Banking: Is Performing the Quality Controls on a Thawed Cryovial Representative of the UCB Graft?.. Blood, 2004, 104, 3643-3643.	1.4	0
75	Impact of Extracorporeal Photochemotherapy on the Clinical and Economical Management of Patients Affected with GVHD.. Blood, 2004, 104, 5293-5293.	1.4	0
76	Influence of Platelet Depletion on Immunomagnetic CD34+ Cell Selection for Haploidentical Transplants.. Blood, 2004, 104, 5005-5005.	1.4	0
77	Evaluation of a New Program for PBSC Collection with Fresenius COM.TEC Blood Cell Separator.. Blood, 2005, 106, 5265-5265.	1.4	0
78	Aldehyde Dehydrogenase (ALDH) Activity in Fresh (Pre-Freezing) and Post-Thawing Leukapheresis and Cord Blood Collections.. Blood, 2005, 106, 5276-5276.	1.4	0
79	Hyperconcentrated (Dry) Versus Standard Platelet Apheresis: An In Vitro Quality Study.. Blood, 2005, 106, 4175-4175.	1.4	0
80	Collection and Transplantation of Related UCB. 10 Years Experience of the Pavia CB Bank.. Blood, 2006, 108, 5411-5411.	1.4	0
81	Maternal Haplotype at Time of Banking Is an Effective Strategy to Guarantee the Identification and Traceability of Cord Blood Units.. Blood, 2006, 108, 5217-5217.	1.4	0
82	An Alternative Technique To Wash out DMSO from Thawed PBSC for Autotransplant.. Blood, 2006, 108, 5213-5213.	1.4	0
83	Platelet-Lysate for In Vitro Expansion of Human Multipotent Mesenchymal Stromal Cells in Approaches of Cell-Therapy.. Blood, 2006, 108, 2577-2577.	1.4	0
84	Assessment of Proliferation Induced in Fibroblasts and Rabbit Corneal Epithelial Cells by a Platelet Lysate Formulation: A Stability Study. Blood, 2008, 112, 4072-4072.	1.4	0
85	Prominin-1 Mobilisation, Collection and Immunoselection in Cancer Patients for Liver Regeneration.. Blood, 2009, 114, 2141-2141.	1.4	0
86	Do Leukemic Cells and Mesenchymal Stem Cells (MSCs) From AML Patients Share The Same Chromosomal Defect? A Cytogenetics, FISH and aCGH/Snpa Study. Blood, 2013, 122, 2602-2602.	1.4	0
87	Intrabone Injection of T-Cell Depleted Peripheral Blood Stem Cells from HLA-Haploidentical Donors to Reduce the Risk of Graft Rejection in Children. Blood, 2014, 124, 1146-1146.	1.4	0
88	Wound Healing: Hemoderivatives and Biopolymers. , 0, , 8280-8298.		0
89	Impact of Leukapheresis Cell Composition on Immunomagnetic Cell Selection with the Baxter Isolex 300i Device: A Statistical Analysis. Stem Cells and Development, 2004, 13, 350-356.	2.1	0