

Dirk de Korte

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

2,246
citations

236925

25
h-index

223800

46
g-index

69
all docs

69
docs citations

69
times ranked

1962
citing authors

#	ARTICLE	IF	CITATIONS
1	Storage of Whole Blood for up to 24 Hours at Ambient Temperature prior to Component Preparation. Vox Sanguinis, 1989, 56, 145-150.	1.5	166
2	Effects of skin disinfection method, deviation bag, and bacterial screening on clinical safety of platelet transfusions in the Netherlands. Transfusion, 2006, 46, 476-485.	1.6	144
3	DEHPâ€plasticised PVC: relevance to blood services[*]. Transfusion Medicine, 2011, 21, 73-83.	1.1	142
4	A novel flow cytometryâ€based platelet aggregation assay. Blood, 2013, 121, e70-e80.	1.4	131
5	Supernatant of Aged Erythrocytes Causes Lung Inflammation and Coagulopathy in a â€Two-Hitâ€ In Vivo</i> Syngeneic Transfusion Model. Anesthesiology, 2010, 113, 92-103.	2.5	118
6	Nucleotide profiles of normal human blood cells determined by high-performance liquid chromatography. Analytical Biochemistry, 1985, 147, 197-209.	2.4	110
7	Development of blood transfusion product pathogen reduction treatments: A review of methods, current applications and demands. Transfusion and Apheresis Science, 2015, 52, 19-34.	1.0	99
8	The effect of the transfusion of stored RBCs on intestinal microvascular oxygenation in the rat. Transfusion, 2001, 41, 1515-1523.	1.6	94
9	Prolonged maintenance of 2,3-diphosphoglycerate acid and adenosine triphosphate in red blood cells during storage. Transfusion, 2008, 48, 1081-1089.	1.6	77
10	The mitochondrial membrane potential in human platelets: a sensitive parameter for platelet quality. Transfusion, 2005, 45, 82-89.	1.6	76
11	Anion-exchange high performance liquid chromatography method for the quantitation of nucleotides in human blood cells. Clinica Chimica Acta, 1985, 148, 185-196.	1.1	68
12	Commercially available blood storage containers. Vox Sanguinis, 2014, 106, 1-13.	1.5	58
13	Preparation of Leukocyteâ€Poor Platelet Concentrates from Buffy Coats. Vox Sanguinis, 1988, 55, 14-20.	1.5	52
14	Influence of pH on stored human platelets. Transfusion, 2007, 47, 1889-1895.	1.6	48
15	Evaluation of platelet mitochondria integrity after treatment with Mirasol pathogen reduction technology. Transfusion, 2005, 45, 920-926.	1.6	47
16	Pathogen reduction treatment using riboflavin and ultraviolet light impairs platelet reactivity toward specific agonists in vitro. Transfusion, 2014, 54, 2292-2300.	1.6	46
17	In vitro evaluation of the quality of blood products collected and stored in systems completely free of di(2â€ethylhexyl)phthalateâ€plasticized materials. Transfusion, 2015, 55, 522-531.	1.6	46
18	Metabolic effect of alkaline additives and guanosine/gluconate in storage solutions for red blood cells. Transfusion, 2018, 58, 1992-2002.	1.6	44

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19	An improved red blood cell additive solution maintains 2,3-bisphosphoglycerate and adenosine triphosphate levels by an enhancing effect on phosphofructokinase activity during cold storage. <i>Transfusion</i> , 2010, 50, 2386-2392.	1.6	42
20	Evaluation of the role of the GPIIb/IIIa receptor complex in development of the platelet storage lesion. <i>Vox Sanguinis</i> , 2016, 111, 247-256.	1.5	33
21	Glucose-6-phosphate dehydrogenase activity decreases during storage of leukoreduced red blood cells. <i>Transfusion</i> , 2016, 56, 427-432.	1.6	33
22	Riboflavin and UV light treatment of platelets: a protective effect of platelet additive solution?. <i>Transfusion</i> , 2015, 55, 1900-1908.	1.6	32
23	A comprehensive proteomics study on platelet concentrates: Platelet proteome, storage time and Mirasol pathogen reduction technology. <i>Platelets</i> , 2019, 30, 368-379.	2.3	28
24	Prevention of red cell storage lesion: a comparison of five different additive solutions. <i>Blood Transfusion</i> , 2017, 15, 456-462.	0.4	28
25	Monitoring storage induced changes in the platelet proteome employing label free quantitative mass spectrometry. <i>Scientific Reports</i> , 2017, 7, 11045.	3.3	27
26	Increase in Glycocalicin Levels in Platelet Concentrates Stored in Plasma or Synthetic Medium for 8 Days: Comparison with Other Platelet Activation Markers. <i>Vox Sanguinis</i> , 2000, 79, 21-26.	1.5	26
27	Determination of thromboelastographic responsiveness in stored single-donor platelet concentrates. <i>Transfusion</i> , 2014, 54, 1610-1618.	1.6	25
28	Activation, function and content of platelets in burn patients. <i>Platelets</i> , 2019, 30, 396-402.	2.3	25
29	Allogeneic platelet-rich plasma (PRP) is superior to platelets or plasma alone in stimulating fibroblast proliferation and migration, angiogenesis, and chemotaxis as relevant processes for wound healing. <i>Transfusion</i> , 2019, 59, 3492-3500.	1.6	23
30	Platelet storage performance is consistent by donor: a pilot study comparing 'good' and 'poor' storing platelets. <i>Transfusion</i> , 2017, 57, 2373-2380.	1.6	21
31	Vox Sanguinis International Forum on platelet cryopreservation. <i>Vox Sanguinis</i> , 2017, 112, e69-e85.	1.5	20
32	Timing of gamma irradiation and blood donor sex influences in vitro characteristics of red blood cells. <i>Transfusion</i> , 2018, 58, 917-926.	1.6	20
33	Prolonged post-thaw shelf life of red cells frozen without prefreeze removal of excess glycerol. <i>Vox Sanguinis</i> , 2015, 108, 219-225.	1.5	17
34	Quality control of apheresis platelets: a multicentre study to evaluate factors that can influence pH measurement. <i>Vox Sanguinis</i> , 2017, 112, 318-325.	1.5	16
35	Development, validation, and potential applications of biotinylated red blood cells for posttransfusion kinetics and other physiological studies: evidenced-based analysis and recommendations. <i>Transfusion</i> , 2018, 58, 2068-2081.	1.6	16
36	Performance and suitability of polymerase chain reaction for early detection of bacteria in platelet concentrates. <i>Transfusion</i> , 2011, 51, 2006-2011.	1.6	15

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37	Volumeâ€reduced platelet concentrates: optimization of production and storage conditions. Transfusion, 2012, 52, 819-827.	1.6	14
38	Clearance of stored red blood cells is not increased compared with fresh red blood cells in a human endotoxemia model. Transfusion, 2016, 56, 1362-1369.	1.6	14
39	Not all red cell concentrate units are equivalent: international survey of processing and in vitro quality data. Vox Sanguinis, 2019, 114, 783-794.	1.5	14
40	New additive solutions for red cells. ISBT Science Series, 2016, 11, 165-170.	1.1	13
41	Comparison of haemostatic function of <scp>PAS</scp>â€platelets vs. plasmaâ€platelets in reconstituted whole blood using impedance aggregometry and thromboelastography. Vox Sanguinis, 2017, 112, 549-556.	1.5	12
42	Comparison of Spectrophotometry, Chromate Inhibition, and Cytofluorometry Versus Gene Sequencing for Detection of Heterozygously Glucose-6-Phosphate Dehydrogenase-Deficient Females. Journal of Histochemistry and Cytochemistry, 2017, 65, 627-636.	2.5	12
43	A method for red blood cell biotinylation in a closed system. Transfusion, 2018, 58, 896-904.	1.6	12
44	Platelet storage properties are associated with donor age:in vitro quality of platelets from young donors and older donors with and without Type 2 diabetes. Vox Sanguinis, 2018, 114, 129-136.	1.5	12
45	Comparison of various dimethylsulphoxide-containing solutions for cryopreservation of leucoreduced platelet concentrates. Vox Sanguinis, 2003, 85, 276-282.	1.5	11
46	Thromboelastography as a tool to evaluate blood of healthy volunteers and blood component quality: a review. Vox Sanguinis, 2019, 114, 643-657.	1.5	11
47	Volume noncompliance and transfusion are essential for transfusionâ€associated circulatory overload: a novel animal model. Transfusion, 2019, 59, 3617-3627.	1.6	11
48	Quality determinants of erythrocyte destined for transfusion. Cellular and Molecular Biology, 2004, 50, 187-95.	0.9	11
49	Active cooling of whole blood to room temperature improves blood component quality. Transfusion, 2011, 51, 357-362.	1.6	9
50	Accelerated clearance of human red blood cells in a rat transfusion model. Intensive Care Medicine Experimental, 2015, 3, 27.	1.9	9
51	Biotinylation of platelets for transfusion purposes a novel method to label platelets in a closed system. Transfusion, 2019, 59, 2964-2973.	1.6	7
52	Quality of Platelets in Stored Whole Blood. Transfusion Medicine Reviews, 2020, 34, 234-241.	2.0	7
53	Storage of red blood cells in alkaline PAGGGM improves metabolism but has no effect on recovery after transfusion. Blood Advances, 2022, 6, 3899-3910.	5.2	7
54	Survey of blood centre readiness regarding removal of <scp>DEHP</scp> from blood bag sets: The <scp>BEST</scp> Collaborative Study. Vox Sanguinis, 2022, 117, 796-802.	1.5	6

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55	Molecular relatedness of <i>Propionibacterium</i> species isolated from blood products and on the skin of blood donors. <i>Transfusion</i> , 2011, 51, 2118-2124.	1.6	5
56	Recovery of platelet-rich red blood cells and acquisition of convalescent plasma with a novel gravity-driven blood separation device. <i>Transfusion Medicine</i> , 2022, 32, 53-63.	1.1	5
57	Variation in platelet-rich plasma compositions used for wound healing indications. <i>Wound Repair and Regeneration</i> , 2021, 29, 284-287.	3.0	4
58	Lifestyle behaviours are not associated with haemolysis: results from Donor InSight. <i>Blood Transfusion</i> , 2020, 18, 86-95.	0.4	4
59	Transfusion practice in the bleeding critically ill: An international online survey – The TRACE survey. <i>Transfusion</i> , 2022, 62, 324-335.	1.6	4
60	The effect of prefreeze rejuvenation on postthaw storage of red blood cells in AS ³ and SAGM. <i>Transfusion</i> , 2017, 57, 1448-1458.	1.6	3
61	Effect of solvent/detergent-treated pooled plasma on fibrinolysis in reconstituted whole blood. <i>Transfusion</i> , 2017, 57, 2381-2389.	1.6	3
62	Apheresis causes complement deposition on red blood cells (RBCs) and RBC antigen alterations, possibly inducing enhanced clearance. <i>Transfusion</i> , 2018, 58, 2627-2634.	1.6	3
63	The timing of gamma irradiation and its effect on cell-free and microvesicle-bound hemoglobin. The BEST collaborative study. <i>Transfusion</i> , 2022, 62, 751-757.	1.6	3
64	The history of buffy coat platelet concentrates: The Dutch story. <i>Vox Sanguinis</i> , 2022, 117, 913-919.	1.5	3
65	Differential effects of speed and volume on transfusion-associated circulatory overload: A randomized study in rats. <i>Vox Sanguinis</i> , 2021, , .	1.5	2
66	Platelets from donors who use non-steroidal anti-inflammatory drugs are functional when stored under blood bank conditions. <i>ISBT Science Series</i> , 2018, 13, 432-439.	1.1	1
67	Prophylactic furosemide to prevent transfusion-associated circulatory overload: a randomized controlled study in rats. <i>Scientific Reports</i> , 2022, 12, .	3.3	1
68	Improved accuracy in counting residual white blood cells in red cell concentrates using new blood bank mode software of SYSMEX XN ¹⁰⁰⁰ hematology analyzer. <i>Transfusion</i> , 2020, 60, 2456-2457.	1.6	0
69	Evaluation of platelet concentrates prepared from whole blood donations with collection times between 12 and 15 min: The BEST Collaborative study. <i>Vox Sanguinis</i> , 2022, , .	1.5	0