

Philip C Spinella

List of Publications by Year in descending order

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Version: 2024-02-01

124
papers

6,523
citations

94269

37
h-index

66788

78
g-index

126
all docs

126
docs citations

126
times ranked

3606
citing authors

#	ARTICLE	IF	CITATIONS
1	The Ratio of Blood Products Transfused Affects Mortality in Patients Receiving Massive Transfusions at a Combat Support Hospital. <i>Journal of Trauma</i> , 2007, 63, 805-813.	2.3	1,186
2	The Ratio of Fibrinogen to Red Cells Transfused Affects Survival in Casualties Receiving Massive Transfusions at an Army Combat Support Hospital. <i>Journal of Trauma</i> , 2008, 64, S79-S85.	2.3	348
3	Resuscitation and transfusion principles for traumatic hemorrhagic shock. <i>Blood Reviews</i> , 2009, 23, 231-240.	2.8	336
4	Warm Fresh Whole Blood Is Independently Associated With Improved Survival for Patients With Combat-Related Traumatic Injuries. <i>Journal of Trauma</i> , 2009, 66, S69-S76.	2.3	326
5	Warm fresh whole blood transfusion for severe hemorrhage: U.S. military and potential civilian applications. <i>Critical Care Medicine</i> , 2008, 36, S340-S345.	0.4	229
6	Duration of red blood cell storage is associated with increased incidence of deep vein thrombosis and in hospital mortality in patients with traumatic injuries. <i>Critical Care</i> , 2009, 13, R151.	2.5	210
7	Fresh whole blood use by forward surgical teams in Afghanistan is associated with improved survival compared to component therapy without platelets. <i>Transfusion</i> , 2013, 53, 107S-113S.	0.8	190
8	Effect of Plasma and Red Blood Cell Transfusions on Survival in Patients With Combat Related Traumatic Injuries. <i>Journal of Trauma</i> , 2008, 64, S69-S78.	2.3	150
9	Whole blood for hemostatic resuscitation of major bleeding. <i>Transfusion</i> , 2016, 56, S190-202.	0.8	144
10	Mechanisms of red blood cell transfusion-related immunomodulation. <i>Transfusion</i> , 2018, 58, 804-815.	0.8	144
11	Comparison of platelet transfusion as fresh whole blood versus apheresis platelets for massively transfused combat trauma patients (CME). <i>Transfusion</i> , 2011, 51, 242-252.	0.8	130
12	Whole blood: back to the future. <i>Current Opinion in Hematology</i> , 2016, 23, 536-542.	1.2	130
13	Whole Blood Transfusion. <i>Military Medicine</i> , 2018, 183, 44-51.	0.4	127
14	Clinical controversies in anticoagulation monitoring and antithrombin supplementation for ECMO. <i>Critical Care</i> , 2020, 24, 19.	2.5	124
15	Clearly defining pediatric massive transfusion. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 78, 22-29.	1.1	121
16	Transfusion-related immunomodulation: review of the literature and implications for pediatric critical illness. <i>Transfusion</i> , 2017, 57, 195-206.	0.8	114
17	Pediatric trauma in an austere combat environment. <i>Critical Care Medicine</i> , 2008, 36, S293-S296.	0.4	113
18	Survey of transfusion policies at US and Canadian children's hospitals in 2008 and 2009. <i>Transfusion</i> , 2010, 50, 2328-2335.	0.8	73

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19	“Blood failure”-time to view blood as an organ: how oxygen debt contributes to blood failure and its implications for remote damage control resuscitation. <i>Transfusion</i> , 2016, 56, S182-9.	0.8	73
20	Techniques to improve detection and analysis of extracellular vesicles using flow cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2015, 87, 1052-1063.	1.1	71
21	Dried plasma: state of the science and recent developments. <i>Transfusion</i> , 2016, 56, S128-39.	0.8	68
22	The use of whole blood in US military operations in Iraq, Syria, and Afghanistan since the introduction of low-titer Type O whole blood: feasibility, acceptability, challenges. <i>Transfusion</i> , 2019, 59, 965-970.	0.8	68
23	Tranexamic Acid Update in Trauma. <i>Critical Care Clinics</i> , 2017, 33, 85-99.	1.0	65
24	Effect of Fresh vs Standard-issue Red Blood Cell Transfusions on Multiple Organ Dysfunction Syndrome in Critically Ill Pediatric Patients. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 2179.	3.8	62
25	How do I implement a whole blood program for massively bleeding patients?. <i>Transfusion</i> , 2018, 58, 622-628.	0.8	61
26	Evidence-Based and Clinically Relevant Outcomes for Hemorrhage Control Trauma Trials. <i>Annals of Surgery</i> , 2021, 273, 395-401.	2.1	61
27	Prehospital hemostatic resuscitation to achieve zero preventable deaths after traumatic injury. <i>Current Opinion in Hematology</i> , 2017, 24, 529-535.	1.2	60
28	Raising the standards on whole blood. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 84, S14-S17.	1.1	60
29	Fresh frozen plasma and spray-dried plasma mitigate pulmonary vascular permeability and inflammation in hemorrhagic shock. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 78, S7-S17.	1.1	59
30	Incidence of Platelet Dysfunction by Thromboelastography “Platelet Mapping in Children Supported with ECMO: A Pilot Retrospective Study. <i>Frontiers in Pediatrics</i> , 2016, 3, 116.	0.9	59
31	The use of low-titer group O whole blood for the resuscitation of civilian trauma patients in 2018. <i>Transfusion</i> , 2018, 58, 2744-2746.	0.8	59
32	Platelet Transfusion Practices in Critically Ill Children. <i>Critical Care Medicine</i> , 2018, 46, 1309-1317.	0.4	58
33	The use of low-titer group O whole blood is independently associated with improved survival compared to component therapy in adults with severe traumatic hemorrhage. <i>Transfusion</i> , 2020, 60, S2-S9.	0.8	54
34	Impact of the Duration of Platelet Storage in Critically Ill Trauma Patients. <i>Journal of Trauma</i> , 2011, 71, 1766-1774.	2.3	45
35	Life-Threatening Bleeding in Children: A Prospective Observational Study. <i>Critical Care Medicine</i> , 2021, 49, 1943-1954.	0.4	44
36	All plasma products are not created equal. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 78, S18-S25.	1.1	43

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37	Donor performance of combat readiness skills of special forces soldiers are maintained immediately after whole blood donation. <i>Transfusion</i> , 2013, 53, 526-530.	0.8	40
38	Fresh Whole Blood Use for Hemorrhagic Shock. <i>Anesthesia and Analgesia</i> , 2012, 115, 751-758.	1.1	39
39	Who's afraid of incompatible plasma? A balanced approach to the safe transfusion of blood products containing ABO-incompatible plasma. <i>Transfusion</i> , 2018, 58, 532-538.	0.8	39
40	Anticoagulation and Transfusion Management During Neonatal and Pediatric Extracorporeal Membrane Oxygenation: A Survey of Medical Directors in the United States*. <i>Pediatric Critical Care Medicine</i> , 2021, 22, 530-541.	0.2	38
41	Survey of group A plasma and low-titer group O whole blood use in trauma resuscitation at adult civilian level 1 trauma centers in the US. <i>Transfusion</i> , 2021, 61, 1757-1763.	0.8	36
42	Role of Transfused Red Blood Cells for Shock and Coagulopathy Within Remote Damage Control Resuscitation. <i>Shock</i> , 2014, 41, 30-34.	1.0	35
43	The effects of 22°C and 4°C storage of platelets on vascular endothelial integrity and function. <i>Transfusion</i> , 2016, 56, S52-64.	0.8	34
44	Blood manufacturing methods affect red blood cell product characteristics and immunomodulatory activity. <i>Blood Advances</i> , 2018, 2, 2296-2306.	2.5	34
45	Predicting Mortality in Children With Pediatric Acute Respiratory Distress Syndrome: A Pediatric Acute Respiratory Distress Syndrome Incidence and Epidemiology Study. <i>Critical Care Medicine</i> , 2020, 48, e514-e522.	0.4	33
46	Early Use of Adjunctive Therapies for Pediatric Acute Respiratory Distress Syndrome: A PARDIE Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 1389-1397.	2.5	31
47	Review of low titre group O whole blood use for massively bleeding patients around the world in 2019. <i>ISBT Science Series</i> , 2019, 14, 276-281.	1.1	30
48	Whole blood at the tip of the spear: A retrospective cohort analysis of warm fresh whole blood resuscitation versus component therapy in severely injured combat casualties. <i>Surgery</i> , 2022, 171, 518-525.	1.0	30
49	An international survey on the use of low titer group O whole blood for the resuscitation of civilian trauma patients in 2020. <i>Transfusion</i> , 2020, 60, S176-S179.	0.8	29
50	Symposium on fresh whole blood for severe hemorrhagic shock: From in-hospital to far forward resuscitations. <i>Transfusion and Apheresis Science</i> , 2012, 46, 113-117.	0.5	28
51	Granulocyte-Derived Extracellular Vesicles Activate Monocytes and Are Associated With Mortality in Intensive Care Unit Patients. <i>Frontiers in Immunology</i> , 2018, 9, 956.	2.2	28
52	Effect of leukoreduction and pathogen reduction on the hemostatic function of whole blood. <i>Transfusion</i> , 2019, 59, 1539-1548.	0.8	28
53	Outcomes Related to the Use of Frozen Plasma or Pooled Solvent/Detergent-Treated Plasma in Critically Ill Children*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, e215-e223.	0.2	26
54	Bleeding Assessment Scale in Critically Ill Children (BASIC): Physician-Driven Diagnostic Criteria for Bleeding Severity. <i>Critical Care Medicine</i> , 2019, 47, 1766-1772.	0.4	26

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55	The Immunologic Effect of Early Intravenous Two and Four Gram Bolus Dosing of Tranexamic Acid Compared to Placebo in Patients With Severe Traumatic Bleeding (TAMPITI): A Randomized, Double-Blind, Placebo-Controlled, Single-Center Trial. <i>Frontiers in Immunology</i> , 2020, 11, 2085.	2.2	26
56	Recommendations on RBC Transfusion in Critically Ill Children With Nonlife-Threatening Bleeding or Hemorrhagic Shock From the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. <i>Pediatric Critical Care Medicine</i> , 2018, 19, S127-S132.	0.2	25
57	Pediatric Plasma and Platelet Transfusions on Extracorporeal Membrane Oxygenation: A Subgroup Analysis of Two Large International Point-Prevalence Studies and the Role of Local Guidelines*. <i>Pediatric Critical Care Medicine</i> , 2020, 21, 267-275.	0.2	25
58	Efficacy of Early Prophylaxis Against Catheter-Associated Thrombosis in Critically Ill Children: A Bayesian Phase 2b Randomized Clinical Trial*. <i>Critical Care Medicine</i> , 2021, 49, e235-e246.	0.4	23
59	Red blood cell storage age “ what we know from clinical trials. <i>Expert Review of Hematology</i> , 2016, 9, 1011-1013.	1.0	20
60	Recommendations on RBC Transfusion in Critically Ill Children With Acute Brain Injury From the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. <i>Pediatric Critical Care Medicine</i> , 2018, 19, S133-S136.	0.2	20
61	Recommendations on RBC Transfusions for Critically Ill Children With Nonhemorrhagic Shock From the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. <i>Pediatric Critical Care Medicine</i> , 2018, 19, S121-S126.	0.2	19
62	Recommended primary outcomes for clinical trials evaluating hemostatic blood products and agents in patients with bleeding: Proceedings of a National Heart Lung and Blood Institute and US Department of Defense Consensus Conference. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 91, S19-S25.	1.1	19
63	THOR-AABB Working Party Recommendations for a Prehospital Blood Product Transfusion Program. <i>Prehospital Emergency Care</i> , 2022, 26, 863-875.	1.0	19
64	Effects of ABO Matching of Platelet Transfusions in Critically Ill Children*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, e61-e69.	0.2	18
65	In silico model of the dilutional effects of conventional component therapy versus whole blood in the management of massively bleeding adult trauma patients. <i>Transfusion</i> , 2019, 59, 146-158.	0.8	17
66	Transfusion in the mechanically ventilated patient. <i>Intensive Care Medicine</i> , 2020, 46, 2450-2457.	3.9	16
67	Improved survival in critically injured combat casualties treated with fresh whole blood by forward surgical teams in Afghanistan. <i>Transfusion</i> , 2020, 60, S180-S188.	0.8	16
68	Risk of future haemolytic disease of the fetus and newborn following the transfusion of Rh(D)-positive blood products to Rh(D)-negative children. <i>Vox Sanguinis</i> , 2022, 117, 291-292.	0.7	16
69	International Study of the Epidemiology of Platelet Transfusions in Critically Ill Children With an Underlying Oncologic Diagnosis. <i>Pediatric Critical Care Medicine</i> , 2019, 20, e342-e351.	0.2	15
70	Low titer group O whole blood for prehospital hemorrhagic shock: It is an offer we cannot refuse. <i>Transfusion</i> , 2019, 59, 2177-2179.	0.8	14
71	Performance of the Pediatric Logistic Organ Dysfunction-2 score in critically ill children requiring plasma transfusions. <i>Annals of Intensive Care</i> , 2016, 6, 98.	2.2	13
72	Application of a recursive partitioning decision tree algorithm for the prediction of massive transfusion in civilian trauma: the MTPitt prediction tool. <i>Transfusion</i> , 2019, 59, 953-964.	0.8	13

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73	Mortality prediction in pediatric trauma. <i>Journal of Pediatric Surgery</i> , 2019, 54, 1613-1616.	0.8	13
74	Recommendations for utilization of the paracorporeal lung assist device in neonates and young children with pulmonary hypertension. <i>Pediatric Transplantation</i> , 2016, 20, 256-270.	0.5	12
75	TEG Platelet Mapping and Impedance Aggregometry to Predict Platelet Transfusion During Cardiopulmonary Bypass in Pediatric Patients. <i>Frontiers in Pediatrics</i> , 2019, 7, 509.	0.9	12
76	A proposed field emergency donor panel questionnaire and triage tool. <i>Transfusion</i> , 2016, 56, S119-27.	0.8	11
77	Metabolic phenotypes of standard and cold-stored platelets. <i>Transfusion</i> , 2020, 60, S96-S106.	0.8	11
78	Civilian walking blood bank emergency preparedness plan. <i>Transfusion</i> , 2021, 61, S313-S325.	0.8	11
79	Age-Dependent Heterogeneity in the Efficacy of Prophylaxis With Enoxaparin Against Catheter-Associated Thrombosis in Critically Ill Children: A Post Hoc Analysis of a Bayesian Phase 2b Randomized Clinical Trial. <i>Critical Care Medicine</i> , 2021, 49, e369-e380.	0.4	11
80	The age of blood in pediatric intensive care units (ABC PICU): study protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 404.	0.7	10
81	Massive Transfusion in Pediatric Patients. <i>Clinics in Laboratory Medicine</i> , 2021, 41, 35-49.	0.7	10
82	Transfusion-related Epstein-Barr virus (EBV) infection: A multicenter prospective cohort study among pediatric recipients of hematopoietic stem cell transplants (TREASuRE study). <i>Transfusion</i> , 2021, 61, 144-158.	0.8	10
83	Effects of pathogen reduction technology and storage duration on the ability of cryoprecipitate to rescue induced coagulopathies in vitro. <i>Transfusion</i> , 2021, 61, 1943-1954.	0.8	10
84	Washing or filtering of blood products does not improve outcome in a rat model of trauma and multiple transfusion. <i>Transfusion</i> , 2019, 59, 134-145.	0.8	9
85	Solvent/Detergent-Treated Plasma in the Management of Pediatric Patients Who Require Replacement of Multiple Coagulation Factors: An Open-Label, Multicenter, Post-marketing Study. <i>Frontiers in Pediatrics</i> , 2020, 8, 572.	0.9	9
86	Venovenous Versus Venoarterial Extracorporeal Membranous Oxygenation in Inotrope Dependent Pediatric Patients With Respiratory Failure. <i>ASAIO Journal</i> , 2021, 67, 457-462.	0.9	9
87	The effect of platelet storage temperature on haemostatic, immune, and endothelial function: potential for personalised medicine. <i>Blood Transfusion</i> , 2019, 17, 321-330.	0.3	9
88	Consensus Statement: Hemostasis Trial Outcomes in Cardiac Surgery and Mechanical Support. <i>Annals of Thoracic Surgery</i> , 2022, 113, 1026-1035.	0.7	9
89	Potential effects of high plasma to red blood cell ratio transfusion in pediatric trauma. <i>Trauma</i> , 2017, 19, 21-27.	0.2	8
90	Thromboelastography Variables, Immune Markers, and Endothelial Factors Associated With Shock and NPMODS in Children With Severe Sepsis. <i>Frontiers in Pediatrics</i> , 2019, 7, 422.	0.9	8

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91	Effect of plasma processing and storage on microparticle abundance, nitric oxide scavenging, and vasoactivity. <i>Transfusion</i> , 2019, 59, 1568-1577.	0.8	8
92	Storage Duration and Other Measures of Quality of Red Blood Cells for Transfusion. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 2509.	3.8	7
93	Effect of platelet storage duration on clinical outcomes and incremental platelet change in critically ill children. <i>Transfusion</i> , 2020, 60, 2849-2858.	0.8	7
94	Plasma as a resuscitation fluid for volume-depleted shock: Potential benefits and risks. <i>Transfusion</i> , 2021, 61, S301-S312.	0.8	7
95	An analysis of outcomes for pediatric trauma warm fresh whole blood recipients in Iraq and Afghanistan. <i>Transfusion</i> , 2021, 61, S2-S7.	0.8	7
96	Comparative risk of pulmonary adverse events with transfusion of pathogen reduced and conventional platelet components. <i>Transfusion</i> , 2022, 62, 1365-1376.	0.8	7
97	Toward a more complete understanding of who will benefit from prehospital transfusion. <i>Transfusion</i> , 2022, 62, 1671-1679.	0.8	7
98	Impact of the age of transfused red blood cells in the trauma population: A feasibility study. <i>Injury</i> , 2014, 45, 605-611.	0.7	6
99	Influence of blood storage age on immune and coagulation parameters in critically ill transfused patients. <i>Transfusion</i> , 2019, 59, 1223-1232.	0.8	6
100	Use of the BIG score to predict mortality in pediatric trauma. <i>American Journal of Emergency Medicine</i> , 2021, 45, 472-475.	0.7	6
101	Factors Influencing Implementation of Blood Transfusion Recommendations in Pediatric Critical Care Units. <i>Frontiers in Pediatrics</i> , 2021, 9, 800461.	0.9	6
102	Low titer Group O whole blood utilization in pediatric trauma resuscitation: A National Survey. <i>Transfusion</i> , 2022, 62, .	0.8	6
103	Therapeutic Utility of Cold-Stored Platelets or Cold-Stored Whole Blood for the Bleeding Hematology-Oncology Patient. <i>Hematology/Oncology Clinics of North America</i> , 2019, 33, 873-885.	0.9	5
104	Safety and tolerability of solvent/detergent-treated plasma for pediatric patients requiring therapeutic plasma exchange: An open-label, multicenter, postmarketing study. <i>Transfusion</i> , 2022, 62, 396-405.	0.8	5
105	Blood is for Bleeding, Salt Water is for Cooking Pasta: An introduction to the THOR Network's Supplement for the 2018 Remote Damage Control Resuscitation Annual Symposium. <i>Transfusion</i> , 2019, 59, 1419-1419.	0.8	4
106	Attitudes of American adult women toward accepting RhD-mismatched transfusions in bleeding emergencies. <i>Transfusion</i> , 2022, 62, .	0.8	4
107	Risk factors for post-transplant Epstein-Barr virus events in pediatric recipients of hematopoietic stem cell transplants. <i>Pediatric Transplantation</i> , 2021, 25, e14052.	0.5	3
108	U.S. cities will not meet blood product resuscitation standards during major mass casualty incidents: Results of a THOR-AABB working party prospective analysis. <i>Transfusion</i> , 0, , .	0.8	3

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109	The risk of thromboembolic events with early intravenous 2â€•and 4â€•g bolus dosing of tranexamic acid compared to placebo in patients with severe traumatic bleeding: A secondary analysis of a randomized, doubleâ€•blind, placeboâ€•controlled, singleâ€•center trial. <i>Transfusion</i> , 2022, 62, .	0.8	3
110	Critical developments of 2017: a review of the literature from selected topics in transfusion. A committee report from the AABB Clinical Transfusion Medicine Committee. <i>Transfusion</i> , 2018, 58, 1065-1075.	0.8	2
111	Identifying potential predictive indicators of massive transfusion in pediatric trauma. <i>Trauma</i> , 2018, 20, 131-141.	0.2	2
112	Redâ€•bloodâ€•cell manufacturing methods and storage solutions differentially induce pulmonary cell activation. <i>Vox Sanguinis</i> , 2020, 115, 395-404.	0.7	2
113	Context-Responsive Anticoagulation Reduces Complications in Pediatric Extracorporeal Membrane Oxygenation. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 637106.	1.1	2
114	Association between Antiviral Prophylaxis and Cytomegalovirus and Epsteinâ€•Barr Virus DNAemia in Pediatric Recipients of Allogeneic Hematopoietic Stem Cell Transplant. <i>Vaccines</i> , 2021, 9, 610.	2.1	2
115	Survey to inform trial of lowâ€•titer group O wholeâ€•blood compared to conventional blood components for children with severe traumatic bleeding. <i>Transfusion</i> , 2021, 61, S43-S48.	0.8	2
116	Transfusion-Associated Delirium in Children: No Difference Between Short Storage Versus Standard Issue RBCs. <i>Critical Care Medicine</i> , 2022, 50, 173-182.	0.4	2
117	An adaptive platform trial for evaluating treatments in patients with lifeâ€•threatening hemorrhage from traumatic injuries: Ethical and <scp>US</scp> regulatory considerations. <i>Transfusion</i> , 2022, 62, .	0.8	2
118	An adaptive platform trial for evaluating treatments in patients with lifeâ€•threatening hemorrhage from traumatic injuries: Planning and execution. <i>Transfusion</i> , 2022, 62, .	0.8	2
119	Vox Sanguinis International Forum on paediatric indications for blood component transfusion: Summary. <i>Vox Sanguinis</i> , 2019, 114, 523-530.	0.7	1
120	Agglutination testing for human erythrocyte product in the rhesus macaque. <i>Transfusion</i> , 2019, 59, 1518-1521.	0.8	1
121	Evaluation of Severity of Illness Scores in the Pediatric ECMO Population. <i>Frontiers in Pediatrics</i> , 2021, 9, 698120.	0.9	1
122	The publication impact of the first 100 <scp>THOR</scp> Network publications by bibliometric and social network analyses. <i>Transfusion</i> , 2022, 62, .	0.8	1
123	Salt water is for tears, whole blood is for living. <i>ISBT Science Series</i> , 2019, 14, 253-256.	1.1	0
124	Red Blood Cell Storage Duration and Outcomes For Acute Chest Syndrome In Children and Young Adults With Sickle Cell Disease. <i>Blood</i> , 2013, 122, 2246-2246.	0.6	0