

Nancy M Heddle

List of Publications by Year in descending order

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135
papers

6,217
citations

87888

38
h-index

71685

76
g-index

143
all docs

143
docs citations

143
times ranked

4857
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Practice Guidelines From the AABB. JAMA - Journal of the American Medical Association, 2016, 316, 2025.	7.4	871
2	The Role of the Plasma from Platelet Concentrates in Transfusion Reactions. New England Journal of Medicine, 1994, 331, 625-628.	27.0	504
3	The premature infants in need of transfusion (pint) study: A randomized, controlled trial of a restrictive (LOW) versus liberal (HIGH) transfusion threshold for extremely low birth weight infants. Journal of Pediatrics, 2006, 149, 301-307.e3.	1.8	497
4	Effect of Short-Term vs. Long-Term Blood Storage on Mortality after Transfusion. New England Journal of Medicine, 2016, 375, 1937-1945.	27.0	278
5	A randomized controlled trial comparing the frequency of acute reactions to plasma-removed platelets and prestorage WBC-reduced platelets. Transfusion, 2002, 42, 556-566.	1.6	189
6	A prospective study to determine the frequency and clinical significance of alloimmunization postâ€transfusion. British Journal of Haematology, 1995, 91, 1000-1005.	2.5	159
7	A randomized controlled trial comparing standard- and low-dose strategies for transfusion of platelets (SToP) to patients with thrombocytopenia. Blood, 2009, 113, 1564-1573.	1.4	150
8	A randomized controlled trial comparing plasma removal with white cell reduction to prevent reactions to platelets. Transfusion, 1999, 39, 231-238.	1.6	139
9	Perioperative Management of Dabigatran. Circulation, 2015, 132, 167-173.	1.6	133
10	Pathophysiology of febrile nonhemolytic transfusion reactions. Current Opinion in Hematology, 1999, 6, 420.	2.5	118
11	A pilot randomized trial of adjuvant rituximab or placebo for nonsplenectomized patients with immune thrombocytopenia. Blood, 2012, 119, 1356-1362.	1.4	111
12	The risk of bleeding in thrombocytopenic patients with acute myeloid leukemia. Haematologica, 2006, 91, 1530-7.	3.5	110
13	The contribution of the haematocrit to thrombocytopenic bleeding in experimental animals. British Journal of Haematology, 1994, 86, 347-350.	2.5	107
14	Effect of Fibrinogen Concentrate vs Cryoprecipitate on Blood Component Transfusion After Cardiac Surgery. JAMA - Journal of the American Medical Association, 2019, 322, 1966.	7.4	106
15	Duration of red cell storage before transfusion and in-hospital mortality. American Heart Journal, 2010, 159, 737-743.e1.	2.7	101
16	Combination of 4Ts score and PF4/H-PaGIA for diagnosis and management of heparin-induced thrombocytopenia: prospective cohort study. Blood, 2015, 126, 597-603.	1.4	101
17	Rituximab plus standard of care for treatment of primary immune thrombocytopenia: a systematic review and meta-analysis. Lancet Haematology, the, 2015, 2, e75-e81.	4.6	99
18	Transfusion of fresher vs older red blood cells in hospitalized patients: a systematic review and meta-analysis. Blood, 2016, 127, 400-410.	1.4	94

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19	Methodologic issues in the use of bleeding as an outcome in transfusion medicine studies. <i>Transfusion</i> , 2003, 43, 742-752.	1.6	85
20	Acute Paroxysmal Cold Hemoglobinuria. <i>Transfusion Medicine Reviews</i> , 1989, 3, 219-229.	2.0	82
21	New Strategies for the Optimal Use of Platelet Transfusions. <i>Hematology American Society of Hematology Education Program</i> , 2008, 2008, 198-204.	2.5	82
22	Forecasting Ontario's blood supply and demand. <i>Transfusion</i> , 2012, 52, 366-374.	1.6	74
23	Comparing the efficacy and safety of apheresis and whole blood-derived platelet transfusions: a systematic review. <i>Transfusion</i> , 2008, 48, 1447-1458.	1.6	71
24	Hemostatic efficacy of pathogen-inactivated vs untreated platelets: a randomized controlled trial. <i>Blood</i> , 2018, 132, 223-231.	1.4	71
25	Prophylactic platelet transfusion for prevention of bleeding in patients with haematological disorders after chemotherapy and stem cell transplantation. <i>The Cochrane Library</i> , 2012, , CD004269.	2.8	66
26	Utilization of platelet transfusions in the intensive care unit: indications, transfusion triggers, and platelet count responses. <i>Transfusion</i> , 2006, 46, 1286-1291.	1.6	65
27	Combination immunosuppressant therapy for patients with chronic refractory immune thrombocytopenic purpura. <i>Blood</i> , 2010, 115, 29-31.	1.4	65
28	The effect of blood storage duration on in-hospital mortality: a randomized controlled pilot feasibility trial. <i>Transfusion</i> , 2012, 52, 1203-1212.	1.6	61
29	Red blood cell processing methods and in-hospital mortality: a transfusion registry cohort study. <i>Lancet Haematology</i> , 2016, 3, e246-e254.	4.6	57
30	Prophylactic platelet transfusion for haemorrhage after chemotherapy and stem cell transplantation. , 2004, , CD004269.		53
31	A multicenter pilot-randomized controlled trial of the feasibility of an augmented red blood cell transfusion strategy for patients treated with induction chemotherapy for acute leukemia or stem cell transplantation. <i>Transfusion</i> , 2007, 48, 071003012013009-???	1.6	53
32	The association between blood donor sex and age and transfusion recipient mortality: an exploratory analysis. <i>Transfusion</i> , 2019, 59, 482-491.	1.6	51
33	The challenges of measuring bleeding outcomes in clinical trials of platelet transfusions. <i>Transfusion</i> , 2013, 53, 1531-1543.	1.6	46
34	A descriptive analysis of international transfusion practice and bleeding outcomes in patients with acute leukemia. <i>Transfusion</i> , 2006, 46, 903-911.	1.6	45
35	A prospective study to determine the safety of omitting the antiglobulin crossmatch from pretransfusion testing. <i>British Journal of Haematology</i> , 1992, 81, 579-584.	2.5	42
36	Platelet transfusions in children: results of a randomized, prospective, crossover trial of plasma removal and a prospective audit of WBC reduction. <i>Transfusion</i> , 2002, 42, 753-758.	1.6	41

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37	Febrile nonhemolytic transfusion reactions to platelets. <i>Current Opinion in Hematology</i> , 1995, 2, 478-483.	2.5	40
38	In vivo recovery and survival of apheresis and whole blood-derived platelets: a paired comparison in healthy volunteers. <i>Transfusion</i> , 2006, 46, 257-264.	1.6	40
39	Prevention of bedside errors in transfusion medicine (PROBE-TM) study: a cluster-randomized, matched-paired clinical areas trial of a simple intervention to reduce errors in the pretransfusion bedside check. <i>Transfusion</i> , 2007, 47, 771-780.	1.6	39
40	Exploring donor and product factors and their impact on red cell post-transfusion outcomes. <i>Transfusion Medicine Reviews</i> , 2018, 32, 28-35.	2.0	39
41	Platelet Transfusion Practices in the ICU. <i>Chest</i> , 2016, 150, 516-523.	0.8	37
42	Systematic review of rituximab for autoimmune diseases: a potential alternative to intravenous immune globulin. <i>Transfusion</i> , 2018, 58, 2729-2735.	1.6	37
43	Time to rethink clinically important outcomes in platelet transfusion trials. <i>Transfusion</i> , 2011, 51, 430-434.	1.6	36
44	Red blood cell transfusion: 2016 clinical practice guidelines from AABB. <i>Transfusion</i> , 2016, 56, 2627-2630.	1.6	36
45	Red blood cell storage and in-hospital mortality: a secondary analysis of the INFORM randomised controlled trial. <i>Lancet Haematology</i> , 2017, 4, e544-e552.	4.6	34
46	The research question. <i>Transfusion</i> , 2007, 47, 15-17.	1.6	33
47	Geographical variations in the correlates of blood donor turnout rates: An investigation of Canadian metropolitan areas. <i>International Journal of Health Geographics</i> , 2009, 8, 56.	2.5	31
48	A new tool to assess bleeding severity in patients with chemotherapy-induced thrombocytopenia (CME). <i>Transfusion</i> , 2012, 52, 2466-2474.	1.6	31
49	Sex-mismatched red blood cell transfusions and mortality: A systematic review and meta-analysis. <i>Vox Sanguinis</i> , 2019, 114, 505-516.	1.5	31
50	Errors in patient specimen collection: application of statistical process control. <i>Transfusion</i> , 2008, 48, 2143-2151.	1.6	30
51	Factors affecting the frequency of red blood cell outdates: an approach to establish benchmarking targets. <i>Transfusion</i> , 2009, 49, 219-226.	1.6	30
52	Individual and contextual determinants of blood donation frequency with a focus on clinic accessibility: A case study of Toronto, Canada. <i>Health and Place</i> , 2012, 18, 424-433.	3.3	27
53	Challenges and opportunities to prevent transfusion errors: a Qualitative Evaluation for Safer Transfusion (QUEST). <i>Transfusion</i> , 2012, 52, 1687-1695.	1.6	27
54	Adjudicating bleeding events in a platelet dose study: impact on outcome results and challenges. <i>Transfusion</i> , 2011, 51, 2304-2310.	1.6	25

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55	Exploratory studies on the age of transfused blood and in-hospital mortality in patients with cardiovascular diagnoses. <i>Transfusion</i> , 2015, 55, 364-372.	1.6	25
56	Warm-reactive (immunoglobulin G) autoantibodies and laboratory testing best practices: review of the literature and survey of current practice. <i>Transfusion</i> , 2017, 57, 463-477.	1.6	25
57	Universal leukoreduction and acute transfusion reactions: putting the puzzle together. <i>Transfusion</i> , 2004, 44, 1-4.	1.6	23
58	Platelet quality measured with dynamic light scattering correlates with transfusion outcome in hematologic malignancies. <i>Transfusion</i> , 2009, 49, 2276-2284.	1.6	23
59	Blood loss from laboratory testing, anemia, and red blood cell transfusion in the intensive care unit: a retrospective study. <i>Transfusion</i> , 2020, 60, 256-261.	1.6	23
60	A study protocol for a randomised controlled trial evaluating clinical effects of platelet transfusion products: the Pathogen Reduction Evaluation and Predictive Analytical Rating Score (PREPAREs) trial. <i>BMJ Open</i> , 2016, 6, e010156.	1.9	22
61	A decision integration strategy for short-term demand forecasting and ordering for red blood cell components. <i>Operations Research for Health Care</i> , 2021, 29, 100290.	1.2	22
62	Convalescent plasma for adults with acute COVID-19 respiratory illness (CONCOR-1): study protocol for an international, multicentre, randomized, open-label trial. <i>Trials</i> , 2021, 22, 323.	1.6	21
63	A systematic assessment of the quality of reporting for platelet transfusion studies. <i>Transfusion</i> , 2010, 50, 2135-2144.	1.6	19
64	Composite outcomes in clinical trials: what are they and when should they be used?. <i>Transfusion</i> , 2011, 51, 11-13.	1.6	17
65	Devices to Reduce the Volume of Blood Taken for Laboratory Testing in ICU Patients: A Systematic Review. <i>Journal of Intensive Care Medicine</i> , 2020, 35, 1074-1079.	2.8	17
66	Perioperative oral eltrombopag versus intravenous immunoglobulin in patients with immune thrombocytopenia: a non-inferiority, multicentre, randomised trial. <i>Lancet Haematology</i> , 2020, 7, e640-e648.	4.6	16
67	Benchmarking: Applications to Transfusion Medicine. <i>Transfusion Medicine Reviews</i> , 2012, 26, 321-332.	2.0	15
68	Rationale and Design of the Informing Fresh versus Old Red Cell Management (INFORM) Trial: An International Pragmatic Randomized Trial. <i>Transfusion Medicine Reviews</i> , 2016, 30, 25-29.	2.0	15
69	Paroxysmal cold hemoglobinuria: a difficult diagnosis in adult patients. <i>Transfusion</i> , 2017, 57, 137-143.	1.6	15
70	Protocol for a phase III, non-inferiority, randomised comparison of a new fibrinogen concentrate versus cryoprecipitate for treating acquired hypofibrinogenaemia in bleeding cardiac surgical patients: the FIBRES trial. <i>BMJ Open</i> , 2018, 8, e020741.	1.9	15
71	Clinical trials evaluating pathogen-reduced platelet products: methodologic issues and recommendations. <i>Transfusion</i> , 2013, 53, 1843-1855.	1.6	14
72	A 13-Question Approach to Resolving Serological Discrepancies in the Transfusion Medicine Laboratory. <i>Laboratory Medicine</i> , 2014, 45, 193-206.	1.2	14

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73	Quantification of Cell-Free DNA in Red Blood Cell Units in Different Whole Blood Processing Methods. <i>Journal of Blood Transfusion</i> , 2016, 2016, 1-5.	3.3	14
74	Not all red cell concentrate units are equivalent: international survey of processing and in vitro quality data. <i>Vox Sanguinis</i> , 2019, 114, 783-794.	1.5	14
75	Systematic reviews of guidelines and studies for single versus multiple unit transfusion strategies. <i>Transfusion</i> , 2018, 58, 2841-2860.	1.6	12
76	The use of anti-CD to improve post-transfusion platelet response: a randomized trial. <i>British Journal of Haematology</i> , 1995, 89, 163-168.	2.5	11
77	The role of comparative effectiveness research in transfusion medicine clinical trials: proceedings of a National Heart, Lung, and Blood Institute workshop. <i>Transfusion</i> , 2012, 52, 1363-1378.	1.6	11
78	Exploring resource allocation and alternate clinic accessibility landscapes for improved blood donor turnout. <i>Applied Geography</i> , 2013, 45, 89-97.	3.7	11
79	Intravenous Immunoglobulin (IVIg) Utilization in Immune Thrombocytopenia (ITP): A Multi-Center, Retrospective Review. <i>Drugs - Real World Outcomes</i> , 2015, 2, 35-42.	1.6	11
80	Transfusion premedication practices among pediatric health care practitioners in Canada: results of a national survey. <i>Transfusion</i> , 2016, 56, 2296-2302.	1.6	11
81	The association between platelet transfusions and mortality in patients with critical illness. <i>Transfusion</i> , 2019, 59, 1962-1970.	1.6	11
82	A crosswalk tabular review on methods and outcomes from randomized clinical trials using pathogen reduced platelets. <i>Transfusion</i> , 2020, 60, 1267-1277.	1.6	10
83	From demand forecasting to inventory ordering decisions for red blood cells through integrating machine learning, statistical modeling, and inventory optimization. <i>Transfusion</i> , 2022, 62, 87-99.	1.6	10
84	Clinical research design and reporting: always room for improvement!. <i>Transfusion</i> , 2007, 47, 2-3.	1.6	8
85	Reviewing manuscripts: tips and responsibilities. <i>Transfusion</i> , 2009, 49, 2265-2268.	1.6	8
86	Effect of a thrombopoietin receptor agonist on use of intravenous immune globulin in patients with immune thrombocytopenia. <i>Transfusion</i> , 2016, 56, 73-79.	1.6	8
87	A study of the agreement between patient self-assessment and study personnel assessment of bleeding symptoms. <i>Transfusion</i> , 2006, 46, 1926-1933.	1.6	7
88	Impact of organizational interventions on reducing inappropriate intravenous immunoglobulin (IVIg) usage: A systematic review and meta-analysis. <i>Transfusion and Apheresis Science</i> , 2018, 57, 215-221.	1.0	7
89	Cost-effectiveness of eltrombopag versus intravenous immunoglobulin for the perioperative management of immune thrombocytopenia. <i>Blood Advances</i> , 2021, , .	5.2	7
90	A policy informing qualitative study to improve the process of blood product recalls and withdrawals. <i>Transfusion</i> , 2008, 48, 2585-2595.	1.6	6

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91	Do expert assessments converge? An exploratory case study of evaluating and managing a blood supply risk. BMC Public Health, 2011, 11, 666.	2.9	6
92	An evaluation of overall effectiveness and treatment satisfaction with intravenous immunoglobulin among patients with immune thrombocytopenia. Transfusion, 2016, 56, 1739-1744.	1.6	6
93	Exploring the components of bleeding outcomes in transfusion trials for patients with hematologic malignancy. Transfusion, 2021, 61, 286-293.	1.6	6
94	Exposure To ABO Compatible But Non-Group Identical Blood and In-Hospital Mortality. Blood, 2013, 122, 3651-3651.	1.4	6
95	Evidence-based clinical reporting: a need for improvement. Transfusion, 2002, 42, 1106-1110.	1.6	5
96	A reporting guideline for clinical platelet transfusion studies from the BEST Collaborative. Transfusion, 2013, 53, 1328-1334.	1.6	5
97	A benchmarking program to reduce red blood cell outdating: implementation, evaluation, and a conceptual framework. Transfusion, 2015, 55, 1621-1627.	1.6	5
98	Short-Term versus Long-Term Blood Storage. New England Journal of Medicine, 2017, 376, 1091-1094.	27.0	5
99	Revisiting study design and methodology for pathogen reduced platelet transfusions: a round table discussion. Transfusion, 2020, 60, 1604-1611.	1.6	5
100	CONSORT comes to TRANSFUSION. Transfusion, 2009, 49, 194-195.	1.6	4
101	Prophylactic platelet transfusions. Current Opinion in Hematology, 2014, 21, 521-527.	2.5	4
102	An international investigation into AB plasma administration in hospitals: how many AB plasma units were infused? The HABSWIN study. Transfusion, 2018, 58, 151-157.	1.6	4
103	Peri-Operative Eltrombopag or Immune Globulin for Patients with Immune Thrombocytopenia (The Tj ETQq1 1 0.784314 rgBT /Over 3.4		4
104	Platelet variability index: a measure of platelet count fluctuations in patients with immune thrombocytopenia. Blood Advances, 2021, 5, 4256-4264.	5.2	4
105	Clinical Research Designs: Quantitative Studies. Vox Sanguinis, 2002, 83, 247-250.	1.5	3
106	Risks, benefits and the role of stakeholders in pathogen reduction technology. Health, Risk and Society, 2014, 16, 547-564.	1.7	3
107	CONSORT and clinical trial reporting: room for improvement. Transfusion, 2016, 56, 781-783.	1.6	3
108	Platelet transfusion practice and platelet refractoriness for a cohort of pediatric oncology patients: A single-center study. Pediatric Blood and Cancer, 2020, 67, e28734.	1.5	3

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109	Utilising red cell antigen genotyping and serological phenotyping in sickle cell disease patients to risk-stratify patients for alloimmunisation risk. <i>Transfusion Medicine</i> , 2020, 30, 263-274.	1.1	3
110	Necrotizing enterocolitis and mortality after transfusion of ABO non-identical blood. <i>Transfusion</i> , 2021, 61, 3094-3103.	1.6	3
111	Database-driven research and big data analytic approaches in transfusion medicine. <i>Transfusion</i> , 2022, 62, 1427-1434.	1.6	3
112	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.	1.6	2
113	Neutropenia and monocytopenia in recurrent anaphylactoid reactions after red blood cell transfusions in a woman with immunoglobulin A (IgA) deficiency and anti-IgA. <i>Transfusion</i> , 2018, 58, 2320-2325.	1.6	2
114	Design issues with clinical experimental platelet transfusion studies. <i>Transfusion Alternatives in Transfusion Medicine</i> , 2006, 8, 106-113.	0.2	1
115	Febrile, Allergic, and Other Noninfectious Transfusion Reactions. , 2007, , 677-690.		1
116	Designing laboratory-based research studies: is it time for a change?. <i>Transfusion</i> , 2007, 47, 2336-2337.	1.6	1
117	From cytokines to pragmatic designs: changing paradigms. <i>Transfusion</i> , 2017, 57, 2298-2306.	1.6	1
118	Top 10 mistakes made in research. <i>Transfusion</i> , 2018, 58, 2478-2482.	1.6	1
119	Febrile and Allergic Transfusion Reactions. , 0, , 83-89.		1
120	Genome-Wide Association Study Identifies Variation in <i>ABO</i> As Risk Factor for Platelet Reactivity in Heparin-Induced Thrombocytopenia. <i>Blood</i> , 2020, 136, 38-39.	1.4	1
121	Transfusion-Related Iron Overload: A Covert Risk Of Supportive Cancer Care. <i>Blood</i> , 2013, 122, 3656-3656.	1.4	1
122	Triple Immunosuppressive Therapy in Patients with Chronic Resistant Immune Thrombocytopenic Purpura; a Case Series of 11 Patients.. <i>Blood</i> , 2004, 104, 2059-2059.	1.4	1
123	Prolonged Blood Storage and Risk of Posttransfusion Acute Kidney Injury. <i>Anesthesiology</i> , 2022, 136, 138-147.	2.5	1
124	The randomized controlled trial: in celebration of TRANSFUSION's 50th. <i>Transfusion</i> , 2010, 50, 1173-1178.	1.6	0
125	Clinical Outcomes and Red Blood Cell Storage. , 2018, , 305-319.		0
126	Pitfalls in Interpreting Platelet Function Tests in Thrombocytopenic Patients Referred by a Hematologist for Diagnostic Testing: Results from a Single Center Prospective Study.. <i>Blood</i> , 2005, 106, 3982-3982.	1.4	0

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127	Understanding Treatment Preferences In Patients with Primary Immune Thrombocytopenia Contemplating Splenectomy: A Qualitative Study. Blood, 2010, 116, 392-392.	1.4	0
128	Use of Intravenous Immune Globulin in Patients with Immune Thrombocytopenia Before and After Romiplostim: Real-World Experience. Blood, 2012, 120, 4641-4641.	1.4	0
129	Are Children with Cancer Receiving Myelosuppressive Therapy At Risk for Transfusion-Related Iron Overload?. Blood, 2012, 120, 1180-1180.	1.4	0
130	Ten-Year Canadian National Prospective Data On Utilization of Anti-Hemophilic Concentrates: Indications and Trends. Blood, 2012, 120, 1186-1186.	1.4	0
131	Transfusion Related Alloimmunization In Children: Epidemiology and Effects Of Chemotherapy (TRACE-EC Study). Blood, 2013, 122, 1161-1161.	1.4	0
132	Perioperative Management Of Patients On Dabigatran – a Prospective Cohort Study. Blood, 2013, 122, 3637-3637.	1.4	0
133	The Use Of Platelet Transfusions In The Intensive Care Unit and Impact On Platelet Count: A 30,000 Patient Registry Study. Blood, 2013, 122, 1154-1154.	1.4	0
134	Platelet quality measured with dynamic light scattering correlates with transfusion outcome in hematologic malignancies. Transfusion, 2009, , no-no.	1.6	0
135	Use of Irradiated Red Blood Cell Transfusions in Newborns to Improve Intracerebral Saturation. JAMA Pediatrics, 2022, , e220149.	6.2	0