

# Meghan Delaney

## List of Publications by Year in descending order

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Version: 2024-02-01

105  
papers

4,817  
citations

185998

28  
h-index

102304

66  
g-index

118  
all docs

118  
docs citations

118  
times ranked

6168  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines on the Use of Therapeutic Apheresis in Clinical Practice—Evidence-Based Approach from the Writing Committee of the American Society for Apheresis: The Sixth Special Issue. <i>Journal of Clinical Apheresis</i> , 2013, 28, 145-284.	0.7	520
2	Effects of Red-Cell Storage Duration on Patients Undergoing Cardiac Surgery. <i>New England Journal of Medicine</i> , 2015, 372, 1419-1429.	13.9	422
3	Guidelines on the Use of Therapeutic Apheresis in Clinical Practice—Evidence-Based Approach from the Writing Committee of the American Society for Apheresis: The Seventh Special Issue. <i>Journal of Clinical Apheresis</i> , 2016, 31, 149-338.	0.7	384
4	Transfusion reactions: prevention, diagnosis, and treatment. <i>Lancet</i> , The, 2016, 388, 2825-2836.	6.3	326
5	Severe Coronavirus Disease-2019 in Children and Young Adults in the Washington, DC, Metropolitan Region. <i>Journal of Pediatrics</i> , 2020, 223, 199-203.e1.	0.9	299
6	Platelet Transfusion for Patients With Cancer: American Society of Clinical Oncology Clinical Practice Guideline Update. <i>Journal of Clinical Oncology</i> , 2018, 36, 283-299.	0.8	217
7	Racial and/or Ethnic and Socioeconomic Disparities of SARS-CoV-2 Infection Among Children. <i>Pediatrics</i> , 2020, 146, .	1.0	165
8	It's time to phase in RHD genotyping for patients with a serologic weak D phenotype. <i>Transfusion</i> , 2015, 55, 680-689.	0.8	157
9	Consensus Recommendations for RBC Transfusion Practice in Critically Ill Children From the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. <i>Pediatric Critical Care Medicine</i> , 2018, 19, 884-898.	0.2	132
10	The global need and availability of blood products: a modelling study. <i>Lancet Haematology</i> , the, 2019, 6, e606-e615.	2.2	117
11	Hemolytic Disease of the Fetus and Newborn: Modern Practice and Future Investigations. <i>Transfusion Medicine Reviews</i> , 2016, 30, 159-164.	0.9	85
12	Comparison of Clinical Features of COVID-19 vs Seasonal Influenza A and B in US Children. <i>JAMA Network Open</i> , 2020, 3, e2020495.	2.8	83
13	International validation of a dithiothreitol (DTT)-based method to resolve the daratumumab interference with blood compatibility testing. <i>Transfusion</i> , 2016, 56, 2964-2972.	0.8	76
14	Hemolytic disease of the fetus and newborn: managing the mother, fetus, and newborn. <i>Hematology American Society of Hematology Education Program</i> , 2015, 2015, 146-151.	0.9	73
15	Massive Transfusion in Cardiac Surgery: The Impact of Blood Component Ratios on Clinical Outcomes and Survival. <i>Anesthesia and Analgesia</i> , 2017, 124, 1777-1782.	1.1	67
16	Low frequency of anti- $\text{H}^{\text{D}}$ alloimmunization following D+ platelet transfusion: the Anti- $\text{H}^{\text{D}}$ Alloimmunization after $\text{D}^{\text{D}}$ -incompatible Platelet Transfusions (ADAPT) study. <i>British Journal of Haematology</i> , 2015, 168, 598-603.	1.2	65
17	Survival after ultramassive transfusion: a review of 1360 cases. <i>Transfusion</i> , 2016, 56, 558-563.	0.8	60

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19	It is time to reconsider the risks of transfusing RhD negative females of childbearing potential with RhD positive red blood cells in bleeding emergencies. <i>Transfusion</i> , 2019, 59, 3794-3799.	0.8	60
20	A Centralized Recipient Database Enhances the Serologic Safety of RBC Transfusions for Patients With Sickle Cell Disease. <i>American Journal of Clinical Pathology</i> , 2014, 141, 256-261.	0.4	57
21	Cardiac dysfunction and thrombocytopenia-associated multiple organ failure inflammation phenotype in a severe paediatric case of COVID-19. <i>The Lancet Child and Adolescent Health</i> , 2020, 4, 552-554.	2.7	48
22	Problems and Approaches for Blood Transfusion in the Developing Countries. <i>Hematology/Oncology Clinics of North America</i> , 2016, 30, 477-495.	0.9	47
23	Red Blood Cell Alloimmunization in the Pregnant Patient. <i>Transfusion Medicine Reviews</i> , 2018, 32, 213-219.	0.9	44
24	Blood Group Antigen Matching Influence on Gestational Outcomes (AMIGO) study. <i>Transfusion</i> , 2017, 57, 525-532.	0.8	42
25	Multisystem Inflammatory Syndrome of Children: Subphenotypes, Risk Factors, Biomarkers, Cytokine Profiles, and Viral Sequencing. <i>Journal of Pediatrics</i> , 2021, 237, 125-135.e18.	0.9	40
26	Executive Summary of Recommendations and Expert Consensus for Plasma and Platelet Transfusion Practice in Critically Ill Children: From the Transfusion and Anemia EXPertise Initiativeâ€”Control/Avoidance of Bleeding (TAXI-CAB). <i>Pediatric Critical Care Medicine</i> , 2022, 23, 34-51.	0.2	38
27	Kinetics of Viral Clearance and Antibody Production Across Age Groups in Children with Severe Acute Respiratory Syndrome Coronavirus 2 Infection. <i>Journal of Pediatrics</i> , 2020, 227, 31-37.e1.	0.9	34
28	The use of 50% albumin/plasma replacement fluid in therapeutic plasma exchange for thrombotic thrombocytopenic purpura. <i>Journal of Clinical Apheresis</i> , 2013, 28, 416-421.	0.7	30
29	The immunohematologic and patient safety benefits of a centralized transfusion database. <i>Transfusion</i> , 2013, 53, 771-776.	0.8	29
30	Postnatal cytomegalovirus infection: a pilot comparative effectiveness study of transfusion safety using leukoreducedâ€”only transfusion strategy. <i>Transfusion</i> , 2016, 56, 1945-1950.	0.8	28
31	It's time to phase out â€œserologic weak D phenotypeâ€”and resolve D types with <i>RHD</i> genotyping including weak D type 4. <i>Transfusion</i> , 2020, 60, 855-859.	0.8	27
32	Antithrombin Concentrates Use in Children on Extracorporeal Membrane Oxygenation. <i>Pediatric Critical Care Medicine</i> , 2015, 16, 264-269.	0.2	26
33	Warmâ€”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.	0.8	25
34	Plasma and red cell exchange transfusions for erythropoietic protoporphyria: A case report and review of the literature. <i>Journal of Clinical Apheresis</i> , 2012, 27, 336-341.	0.7	24
35	Genomic characterization of the RH locus detects complex and novel structural variation in multi-ethnic cohorts. <i>Genetics in Medicine</i> , 2019, 21, 477-486.	1.1	24
36	An international survey of pediatric apheresis practice. <i>Journal of Clinical Apheresis</i> , 2014, 29, 120-126.	0.7	22

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37	Transfusion Support of Minority Patients: Extended Antigen Donor Typing and Recruitment of Minority Blood Donors. <i>Transfusion Medicine and Hemotherapy</i> , 2018, 45, 271-276.	0.7	21
38	The role of HLA in umbilical cord blood transplantation. <i>Best Practice and Research in Clinical Haematology</i> , 2010, 23, 179-187.	0.7	18
39	Human Leukocyte Antigen Sensitization in Pediatric Patients Exposed to Mechanical Circulatory Support. <i>ASAIO Journal</i> , 2014, 60, 317-321.	0.9	18
40	Optimal Use of Myco/F Lytic and Standard BACTEC Blood Culture Bottles for Detection of Yeast and Mycobacteria. <i>Archives of Pathology and Laboratory Medicine</i> , 2009, 133, 93-96.	1.2	17
41	Risk of Extracorporeal Life Support Circuit-Related Hyperkalemia Is Reduced by Prebypass Ultrafiltration. <i>Pediatric Critical Care Medicine</i> , 2013, 14, e263-e267.	0.2	16
42	Considerations of red blood cell molecular testing in transfusion medicine. <i>Expert Review of Molecular Diagnostics</i> , 2015, 15, 1455-1464.	1.5	16
43	Efforts Toward Elimination of Infectious Agents in Blood Products. <i>Journal of Intensive Care Medicine</i> , 2018, 33, 543-550.	1.3	15
44	Pathogen-inactivated blood products for pediatric patients: blood safety, patient safety, or both?. <i>Transfusion</i> , 2018, 58, 2095-2101.	0.8	15
45	Choosing Wisely for apheresis. <i>Journal of Clinical Apheresis</i> , 2018, 33, 576-579.	0.7	14
46	Transfusion-associated hyperkalemia in pediatric population: Prevalence, risk factors, survival, infusion rate, and RBC unit features. <i>Transfusion</i> , 2021, 61, 1093-1101.	0.8	14
47	544. Severe COVID-19 in Children and Young Adults in the Washington DC Metropolitan Region. <i>Open Forum Infectious Diseases</i> , 2020, 7, S338-S338.	0.4	14
48	SARS-CoV-2-Specific T Cell Responses Are Stronger in Children With Multisystem Inflammatory Syndrome Compared to Children With Uncomplicated SARS-CoV-2 Infection. <i>Frontiers in Immunology</i> , 2021, 12, 793197.	2.2	14
49	Research Priorities for Plasma and Platelet Transfusion Strategies in Critically Ill Children: From the Transfusion and Anemia Expertise Initiative's Control/Avoidance of Bleeding. <i>Pediatric Critical Care Medicine</i> , 2022, 23, e63-e73.	0.2	14
50	How I reduce the risk of missed irradiation transfusion events in children. <i>Transfusion</i> , 2018, 58, 2517-2521.	0.8	10
51	Red blood cell alloimmunization and prophylactic antigen matching for transfusion in patients with warm autoantibodies. <i>Vox Sanguinis</i> , 2020, 115, 515-524.	0.7	10
52	Neonatal and pediatric blood bank practice in the United States : Results from the AABB pediatric transfusion medicine subsection survey. <i>Transfusion</i> , 2021, 61, 2265-2276.	0.8	10
53	Blood donation for all: inclusivity is important to the blood supply. <i>Blood Transfusion</i> , 2021, 19, 1-2.	0.3	10
54	What Laboratory Tests and Physiologic Triggers Should Guide the Decision to Administer a Platelet or Plasma Transfusion in Critically Ill Children and What Product Attributes Are Optimal to Guide Specific Product Selection? From the Transfusion and Anemia Expertise Initiative's Control/Avoidance of Bleeding. <i>Pediatric Critical Care Medicine</i> , 2022, 23, e1-e13.	0.2	10

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55	Status of hospital-based blood transfusion services in low-income and middle-income countries: a cross-sectional international survey. <i>BMJ Open</i> , 2022, 12, e055017.	0.8	10
56	Low incidence of D alloimmunization among patients with a serologic weak D phenotype after D+ transfusion. <i>Transfusion</i> , 2016, 56, 2502-2509.	0.8	9
57	The BEST criteria improve sensitivity for detecting positive cultures in residual blood components cultured in suspected septic transfusion reactions. <i>Transfusion</i> , 2019, 59, 2292-2300.	0.8	9
58	Outcomes in necrotizing soft tissue infections treated with therapeutic plasma exchange. <i>Transfusion</i> , 2017, 57, 1407-1413.	0.8	8
59	Recommendations on Selection and Processing of RBC Components for Pediatric Patients From the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. <i>Pediatric Critical Care Medicine</i> , 2018, 19, S163-S169.	0.2	8
60	A national survey of hospital-based transfusion services on their approaches to platelet bacterial risk mitigation in response to the FDA final guidance for industry. <i>Transfusion</i> , 2020, 60, 1681-1687.	0.8	8
61	Pediatric resident knowledge of transfusion medicine: Results from the BEST international education needs assessment. <i>Transfusion</i> , 2021, 61, 2487-2495.	0.8	8
62	Humoral immunomodulatory effect of influenza vaccine in potential blood donors: implications for transfusion safety. <i>Transfusion Medicine</i> , 2011, 21, 378-384.	0.5	7
63	Validated Reference Panel from Renewable Source of Genomic DNA Available for Standardization of Blood Group Genotyping. <i>Journal of Molecular Diagnostics</i> , 2019, 21, 525-537.	1.2	7
64	Acute Hemolytic Transfusion Reaction due to Anti-P1: A Case Report and Review of Institutional Experience. <i>Transfusion Medicine and Hemotherapy</i> , 2019, 46, 380-383.	0.7	7
65	Implementation and expansion of a preoperative COVID-19 testing process for pediatric surgical patients. <i>Paediatric Anaesthesia</i> , 2020, 30, 952-953.	0.6	7
66	Survey of newborn direct antiglobulin testing practice in United States and Canadian transfusion services. <i>Transfusion</i> , 2021, 61, 1080-1092.	0.8	7
67	Estimated SARS-CoV-2 Seroprevalence in Healthy Children and Those with Chronic Illnesses in the Washington Metropolitan Area as of October 2020. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, e272-e274.	1.1	7
68	Survey of the RhD selection and issuing practices for uncrossmatched blood products at pediatric trauma hospitals in the United States: The BEST collaborative study. <i>Transfusion</i> , 2021, 61, 3328-3334.	0.8	7
69	Common seasonal respiratory viral infections in children before and during the coronavirus disease 2019 (COVID-19) pandemic. <i>Infection Control and Hospital Epidemiology</i> , 2022, 43, 1454-1458.	1.0	7
70	Transfusion service management of sickle cell disease patients. <i>Vox Sanguinis</i> , 2016, 110, 288-294.	0.7	6
71	Noninvasive assessment of muscle oxygenation may aid in optimising transfusion threshold decisions in ambulatory paediatric patients. <i>Transfusion Medicine</i> , 2017, 27, 25-29.	0.5	6
72	Transfusion in Pediatric Patients. <i>Clinics in Laboratory Medicine</i> , 2021, 41, 1-14.	0.7	6

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73	Screening for new red blood cell alloantibodies after transfusion in patients with sickle cell disease. <i>Transfusion</i> , 2021, 61, 2255-2264.	0.8	6
74	Emergency departments are higher-risk locations for wrong blood in tube errors. <i>Transfusion</i> , 2021, 61, 2601-2610.	0.8	6
75	Molecular immunohaematology round table discussions at the AABB Annual Meeting, Denver 2013. <i>Blood Transfusion</i> , 2015, 13, 514-20.	0.3	6
76	International guidelines regarding the role of IMG in the management of Rh- and ABO-mediated haemolytic disease of the newborn. <i>British Journal of Haematology</i> , 2022, , .	1.2	6
77	Results of Testing Children for Severe Acute Respiratory Syndrome Coronavirus-2 Through a Community-based Testing Site. <i>Journal of Pediatrics</i> , 2021, 231, 157-161.e1.	0.9	5
78	Anesthesia and surgery for positive COVID-19 asymptomatic pediatric patients: How long should we wait?. <i>Paediatric Anaesthesia</i> , 2021, 31, 730-732.	0.6	5
79	Limitations of current practices in detection of bacterially contaminated blood products associated with suspected septic transfusion reactions. <i>Transfusion</i> , 2021, 61, 2414-2420.	0.8	5
80	Rate of D alloimmunization in trauma does not depend on the number of RhD-positive units transfused: The BEST collaborative study. <i>Transfusion</i> , 0, , .	0.8	5
81	Classification of major and minor blood group antigens in the Kuwaiti Arab population. <i>Transfusion and Apheresis Science</i> , 2020, 59, 102748.	0.5	4
82	How do you decide which platelet bacterial risk mitigation strategy to select for your hospital-based transfusion service?. <i>Transfusion</i> , 2020, 60, 675-681.	0.8	4
83	Umbilical Cord Blood Transplantation. <i>Journal of Intensive Care Medicine</i> , 2015, 30, 13-22.	1.3	3
84	Bleeding emergencies in neonatal and paediatric patients: improving the quality of care using simulation. <i>Transfusion Medicine</i> , 2018, 28, 405-412.	0.5	3
85	Haemolytic disease of the fetus and newborn: advancements in precision and prevention. <i>ISBT Science Series</i> , 2019, 14, 32-36.	1.1	3
86	Vox Sanguinis International Forum on the selection and preparation of blood components for intrauterine transfusion: Summary. <i>Vox Sanguinis</i> , 2020, 115, 813-826.	0.7	3
87	Blood transfusion trends by disease category in the United States, 2000 to 2014. <i>Transfusion and Apheresis Science</i> , 2021, 60, 103012.	0.5	3
88	Vox Sanguinis International forum on the selection and preparation of blood components for intrauterine transfusion. <i>Vox Sanguinis</i> , 2020, 115, e18-e38.	0.7	3
89	Obstetric and Newborn Weak D-Phenotype RBC Testing and Rh Immune Globulin Management Recommendations: Lessons From a Blinded Specimen-Testing Survey of 81 Transfusion Services. <i>Archives of Pathology and Laboratory Medicine</i> , 2023, 147, 71-78.	1.2	3
90	The use of red cell units containing additives in large volume neonatal transfusion in neonatology units in the USA. <i>ISBT Science Series</i> , 2017, 12, 322-323.	1.1	2

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91	Transfusion support: Considerations in pediatric populations. <i>Seminars in Hematology</i> , 2020, 57, 65-72.	1.8	2
92	International Validation of a Dithiothreitol (DTT)-Based Method to Resolve the Daratumumab Interference with Blood Compatibility Testing. <i>Blood</i> , 2015, 126, 3567-3567.	0.6	2
93	Current state and positive impact of hospital-based blood donor centers in the United States. <i>Transfusion</i> , 2021, , .	0.8	2
94	The use of antifibrinolytics in pediatric patients with hypoproliferative thrombocytopenia. <i>Pediatric Blood and Cancer</i> , 2017, 64, e26641.	0.8	1
95	Erythrocyte Antigen activation in children: Patient characteristics and the hemolytic risk of transfusion. <i>Pediatric Blood and Cancer</i> , 2021, 68, e29082.	0.8	1
96	Prediction of MNS Blood Group Antigens Using Next Generation Sequencing. <i>Blood</i> , 2016, 128, 1458-1458.	0.6	1
97	An international survey of paediatric apheresis practice. <i>ISBT Science Series</i> , 2015, 10, 235-242.	1.1	0
98	Immunohaematology: the core of laboratory transfusion practice. <i>Transfusion Medicine</i> , 2019, 29, 143-145.	0.5	0
99	Disseminated intravascular coagulation reaction to granulocytes in a patient with human leukocyte antigen sensitisation. <i>Transfusion Medicine</i> , 2019, 29, 287-289.	0.5	0
100	Vox Sanguinis International Forum on paediatric indications for blood component transfusion. <i>Vox Sanguinis</i> , 2019, 114, e36-e90.	0.7	0
101	Characterization and refinement of monoclonal anti-human globulins that lack reactivity with human IgG4. <i>Transfusion</i> , 2020, 60, 1060-1068.	0.8	0
102	A window of opportunity: systems thinking for prevention of haemolytic disease of the fetus and newborn with transfusion policy. <i>British Journal of Haematology</i> , 2021, 195, 487-489.	1.2	0
103	Management of pregnancy sensitized with anti-In <sup>b</sup> maternal blood donation. <i>Immunohematology</i> , 2018, 34, 7-10.	0.2	0
104	542. SARS CoV-2-Associated Multisystem Inflammatory Syndrome of Children (MIS-C) in the Washington DC Metropolitan Region. <i>Open Forum Infectious Diseases</i> , 2020, 7, S338-S338.	0.4	0
105	A Pilot Study to Evaluate the Feasibility of Anti-Fibrinolytic Agents in Reducing Hemorrhagic Complications in Pediatric Patients with Thrombocytopenia. <i>Blood</i> , 2020, 136, 3-3.	0.6	0