Aryeh Shander

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7935897/publications.pdf

Version: 2024-02-01

161 papers 11,117 citations

41344 49 h-index 30922 102 g-index

226 all docs

 $\begin{array}{c} 226 \\ \\ \text{docs citations} \end{array}$

times ranked

226

7421 citing authors

#	Article	IF	CITATIONS
1	2011 Update to The Society of Thoracic Surgeons and the Society of Cardiovascular Anesthesiologists Blood Conservation Clinical Practice Guidelines. Annals of Thoracic Surgery, 2011, 91, 944-982.	1.3	1,733
2	Red Blood Cell Transfusion: A Clinical Practice Guideline From the AABB*. Annals of Internal Medicine, 2012, 157, 49.	3.9	920
3	Clinical Practice Guidelines From the AABB. JAMA - Journal of the American Medical Association, 2016, 316, 2025.	7.4	871
4	Activityâ€based costs of blood transfusions in surgical patients at four hospitals. Transfusion, 2010, 50, 753-765.	1.6	616
5	Patient Blood Management. Anesthesiology, 2012, 116, 1367-1376.	2.5	321
6	Transfusion medicine: looking to the future. Lancet, The, 2003, 361, 161-169.	13.7	289
7	Blood use in elective surgery: the Austrian benchmark study. Transfusion, 2007, 47, 1468-1480.	1.6	255
8	Patient blood management in Europe. British Journal of Anaesthesia, 2012, 109, 55-68.	3.4	255
9	Intraoperative Infusion of Dexmedetomidine for Prevention of Postoperative Delirium and Cognitive Dysfunction in Elderly Patients Undergoing Major Elective Noncardiac Surgery. JAMA Surgery, 2017, 152, e171505.	4.3	217
10	Clinical and economic burden of postoperative pulmonary complications: Patient safety summit on definition, risk-reducing interventions, and preventive strategies*. Critical Care Medicine, 2011, 39, 2163-2172.	0.9	212
11	Estimating the cost of blood: past, present, and future directions. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2007, 21, 271-289.	4.0	195
12	Appropriateness of Allogeneic Red Blood Cell Transfusion: The International Consensus Conference on Transfusion Outcomes. Transfusion Medicine Reviews, 2011, 25, 232-246.e53.	2.0	186
13	Patient Blood Management Bundles to Facilitate Implementation. Transfusion Medicine Reviews, 2017, 31, 62-71.	2.0	181
14	Adverse Blood Transfusion Outcomes: Establishing Causation. Transfusion Medicine Reviews, 2011, 25, 89-101.	2.0	172
15	The Impact of Blood Conservation on Outcomes in Cardiac Surgery: Is It Safe and Effective?. Annals of Thoracic Surgery, 2010, 90, 451-458.	1.3	157
16	Multidisciplinary Approach to the Challenge of Hemostasis. Anesthesia and Analgesia, 2010, 110, 354-364.	2.2	142
17	Detection, Evaluation, and Management of Anemia in the Elective Surgical Patient. Anesthesia and Analgesia, 2005, 101, 1858-1861.	2.2	134
18	Essential Role of Patient Blood Management in a Pandemic: A Call for Action. Anesthesia and Analgesia, 2020, 131, 74-85.	2.2	131

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19	Bloodless medicine: clinical care without allogeneic blood transfusion. Transfusion, 2003, 43, 668-676.	1.6	127
20	An update on mortality and morbidity in patients with very low postoperative hemoglobin levels who decline blood transfusion (CME). Transfusion, 2014, 54, 2688-2695.	1.6	122
21	Predictors of transfusion requirements for cardiac surgical procedures at a blood conservation center. Annals of Thoracic Surgery, 2004, 77, 626-634.	1.3	117
22	Five Drivers Shifting the Paradigm from Product-Focused Transfusion Practice to Patient Blood Management. Oncologist, 2011, 16, 3-11.	3.7	109
23	Anemia in the critically ill. Critical Care Clinics, 2004, 20, 159-178.	2.6	98
24	Iron Deficiency Anemiaâ€"Bridging the Knowledge and Practice Gap. Transfusion Medicine Reviews, 2014, 28, 156-166.	2.0	96
25	When Blood Is Not an Option: Factors Affecting Survival After the Use of a Hemoglobin-Based Oxygen Carrier in 54 Patients with Life-Threatening Anemia. Anesthesia and Analgesia, 2010, 110, 685-693.	2.2	92
26	Understanding the Consequences of Transfusion-Related Acute Lung Injury. Chest, 2005, 128, 598S-604S.	0.8	88
27	Current Status of Pharmacologic Therapies in Patient Blood Management. Anesthesia and Analgesia, 2013, 116, 15-34.	2.2	85
28	Surgery without blood. Critical Care Medicine, 2003, 31, S708-S714.	0.9	83
29	Current misconceptions in diagnosis and management of iron deficiency. Blood Transfusion, 2017, 15, 422-437.	0.4	83
30	A Global Definition of Patient Blood Management. Anesthesia and Analgesia, 2022, 135, 476-488.	2.2	82
31	Perioperative Anemia: Prevention, Diagnosis, and Management Throughout the Spectrum of Perioperative Care. Anesthesia and Analgesia, 2020, 130, 1364-1380.	2.2	79
32	A new perspective on best transfusion practices. Blood Transfusion, 2013, 11, 193-202.	0.4	79
33	Financial and clinical outcomes associated with surgical bleeding complications. Surgery, 2007, 142, S20-S25.	1.9	76
34	Economic considerations on transfusion medicine and patient blood management. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2013, 27, 59-68.	4.0	76
35	Emerging risks and outcomes of blood transfusion in surgery. Seminars in Hematology, 2004, 41, 117-124.	3.4	75
36	From Bloodless Surgery to Patient Blood Management. Mount Sinai Journal of Medicine, 2012, 79, 56-65.	1.9	74

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37	Patient blood management – The new frontier. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2013, 27, 5-10.	4.0	70
38	The second <scp>A</scp> ustrian benchmark study for blood use in elective surgery: results and practice change. Transfusion, 2014, 54, 2646-2657.	1.6	67
39	Blood Management. Archives of Pathology and Laboratory Medicine, 2007, 131, 695-701.	2.5	66
40	How I treat warfarin-associated coagulopathy in patients with intracerebral hemorrhage. Blood, 2011, 117, 6091-6099.	1.4	62
41	Management of Perioperative Iron Deficiency Anemia. Acta Haematologica, 2019, 142, 21-29.	1.4	62
42	"Simplified International Recommendations for the Implementation of Patient Blood Management― (SIR4PBM). Perioperative Medicine (London, England), 2017, 6, 5.	1.5	60
43	Why an Alternative to Blood Transfusion?. Critical Care Clinics, 2009, 25, 261-277.	2.6	57
44	Clinical consequences of iron overload from chronic red blood cell transfusions, its diagnosis, and its management by chelation therapy. Transfusion, 2010, 50, 1144-1155.	1.6	57
45	Continuous Noninvasive Hemoglobin Monitoring. Anesthesia and Analgesia, 2016, 122, 565-572.	2.2	57
46	Acute normovolemic hemodilution. Transfusion, 2004, 44, 26S-34S.	1.6	56
47	Anemia, Bleeding, and Blood Transfusion in the Intensive Care Unit: Causes, Risks, Costs, and New Strategies. American Journal of Critical Care, 2013, 22, eS1-eS13.	1.6	55
48	Red blood cell transfusion in critically ill children: A narrative review*. Pediatric Critical Care Medicine, 2011, 12, 174-183.	0.5	51
49	Activityâ€based costs of plasma transfusions in medical and surgical inpatients at a <scp>US</scp> hospital. Vox Sanguinis, 2016, 111, 55-61.	1.5	51
50	Patient blood management: the global view. Transfusion, 2016, 56, S94-102.	1.6	49
51	The Use of Topical Hemostatic Agents in Cardiothoracic Surgery. Annals of Thoracic Surgery, 2017, 104, 353-360.	1.3	49
52	Objectives and limitations of bloodless medical care. Current Opinion in Hematology, 2006, 13, 462-470.	2.5	48
53	The theory and practice of bloodless surgery. Transfusion and Apheresis Science, 2002, 27, 29-43.	1.0	46
54	Blood Substitutes and Oxygen Therapeutics: A Review. Anesthesia and Analgesia, 2021, 132, 119-129.	2.2	46

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55	The Safety and Efficacy of "Bloodless―Cardiac Surgery. Seminars in Cardiothoracic and Vascular Anesthesia, 2005, 9, 53-63.	1.0	45
56	Patient Blood Management as Standard of Care. Anesthesia and Analgesia, 2016, 123, 1051-1053.	2.2	44
57	Management of anemia in patients with congestive heart failure. American Journal of Hematology, 2017, 92, 88-93.	4.1	43
58	Addressing the unmet need of lifeâ€threatening anemia with hemoglobinâ€based oxygen carriers. Transfusion, 2017, 57, 207-214.	1.6	43
59	Management of acute anemia in a Jehovah's Witness patient with acute lymphoblastic leukemia with polymerized bovine hemoglobinâ€based oxygen carrier: a case report and review of literature. Transfusion, 2010, 50, 1561-1567.	1.6	40
60	The chiasm: Transfusion practice versus patient blood management. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2013, 27, 37-42.	4.0	37
61	On the safety of intravenous iron, evidence trumps conjecture. Haematologica, 2015, 100, e214-e215.	3.5	37
62	Patient Blood Management in the Intensive Care Unit. Transfusion Medicine Reviews, 2017, 31, 264-271.	2.0	37
63	Multidisciplinary management of a Jehovah's Witness patient for the removal of a renal cell carcinoma extending into the right atrium. Canadian Journal of Anaesthesia, 2002, 49, 402-408.	1.6	34
64	CONFERENCE REPORT: Can intravenous iron therapy meet the unmet needs created by the new restrictions on erythropoietic stimulating agents?. Transfusion, 2010, 50, 719-732.	1.6	34
65	Timing and Incidence of Postoperative Infections Associated with Blood Transfusion: Analysis of 1,489 Orthopedic and Cardiac Surgery Patients. Surgical Infections, 2009, 10, 277-283.	1.4	34
66	Topical Hemostatic Therapy in Surgery: Bridging the Knowledge and Practice Gap. Journal of the American College of Surgeons, 2014, 219, 570-579e4.	0.5	34
67	A Narrative Review on Hospital-Acquired Anemia: Keeping Blood where It Belongs. Transfusion Medicine Reviews, 2020, 34, 195-199.	2.0	33
68	Strategies to reduce the use of blood products. Current Opinion in Anaesthesiology, 2012, 25, 50-58.	2.0	32
69	Anaemia: Can we define haemoglobin thresholds for impaired oxygen homeostasis and suggest new strategies for treatment?. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2013, 27, 85-98.	4.0	32
70	In search of the lost blood. Blood Transfusion, 2020, 18, 3-5.	0.4	32
71	Systematic reviews and meta-analyses comparing mortality in restrictive and liberal haemoglobin thresholds for red cell transfusion: an overview of systematic reviews. BMC Medicine, 2020, 18, 154.	5.5	31
72	Prothrombin Time and Activated Partial Thromboplastin Time Testing: A Comparative Effectiveness Study in a Million-Patient Sample. PLoS ONE, 2015, 10, e0133317.	2.5	29

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73	Update on Transfusion Medicine. Pharmacotherapy, 2007, 27, 57S-68S.	2.6	28
74	Drug-Induced Anemia and Other Red Cell Disorders: A Guide in the Age of Polypharmacy. Current Clinical Pharmacology, 2011, 6, 295-303.	0.6	28
75	Can Blood Transfusion Be Not Only Ineffective, But Also Injurious?. Annals of Thoracic Surgery, 2014, 97, 11-14.	1.3	28
76	Iron Deficiency Anemia in Women. Obstetrical and Gynecological Survey, 2015, 70, 342-353.	0.4	27
77	Clinical Outcomes in Cardiac Surgery: Conventional Surgery versus Bloodless Surgery. Anesthesiology Clinics, 2005, 23, 327-345.	1.4	26
78	Preoperative anemia and its management. Transfusion and Apheresis Science, 2014, 50, 13-15.	1.0	26
79	More on Transfusion and Adverse Outcome. Anesthesiology, 2011, 114, 234-236.	2.5	25
80	Blood conservation strategies and the management of perioperative anaemia. Current Opinion in Anaesthesiology, 2015, 28, 356-363.	2.0	25
81	Observational studies - should we simply ignore them in assessing transfusion outcomes?. BMC Anesthesiology, 2016, 16, 96.	1.8	24
82	Variability in Transfusion Practice and Effectiveness of Strategies to Improve It. Journal of Cardiothoracic and Vascular Anesthesia, 2012, 26, 541-544.	1.3	23
83	Blood conservation in practice: an overview. British Journal of Hospital Medicine (London, England:) Tj ETQq1 1 C).784314 r	gBT_/Overloc
84	Patient blood management and outcome, too early or not?. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2013, 27, 161-172.	4.0	22
85	Transfusion practices and infectious risks. Expert Review of Hematology, 2016, 9, 597-605.	2.2	21
86	Patient Blood Management is not about blood transfusion: it is about patients' outcomes. Blood Transfusion, 2019, 17, 331-333.	0.4	20
87	Iron overload and toxicity: implications for anesthesiologists. Journal of Clinical Anesthesia, 2012, 24, 419-425.	1.6	19
88	From Tolerating Anemia to Treating Anemia. Annals of Internal Medicine, 2019, 170, 125.	3.9	19
89	Prevention and management of acute reactions to intravenous iron in surgical patients. Blood Transfusion, 2019, 17, 137-145.	0.4	18
90	Blood salvage use in gynecologic oncology. Transfusion, 2009, 49, 2048-2053.	1.6	17

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91	Outcomes of Protocol-Driven Care of Critically Ill Severely Anemic Patients for Whom Blood Transfusion Is Not an Option*. Critical Care Medicine, 2016, 44, 1109-1115.	0.9	17
92	Choice of Hemostatic Agent and Hospital Length of Stay in Cardiovascular Surgery. Seminars in Cardiothoracic and Vascular Anesthesia, 2009, 13, 225-230.	1.0	16
93	Management of anemia in patients who decline blood transfusion. American Journal of Hematology, 2018, 93, 1183-1191.	4.1	16
94	Evolution in alternatives to blood transfusion. The Hematology Journal, 2003, 4, 87-91.	1.4	16
95	The long and winding road of acute normovolemic hemodilution. Transfusion, 2006, 46, 1075-1079.	1.6	15
96	Standards and Best Practice for Acute Normovolemic Hemodilution: Evidence-based Consensus Recommendations. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 1755-1760.	1.3	15
97	Blood conservation strategies in Jehovah's Witness patients undergoing complex aortic surgery: a report of three cases. Journal of Cardiothoracic and Vascular Anesthesia, 2003, 17, 528-535.	1.3	14
98	Acquired hemophilia: a rare but life-threatening potential cause of bleeding in the intensive care unit. Intensive Care Medicine, 2011, 37, 1240-1249.	8. 2	14
99	The patient with anemia. Current Opinion in Anaesthesiology, 2016, 29, 438-445.	2.0	14
100	Complications of Allogeneic Blood Product Administration, with Emphasis on Transfusion-Related Acute Lung Injury and Transfusion-Associated Circulatory Overload. Advances in Anesthesia, 2017, 35, 159-173.	0.9	13
101	Bloodless Surgery in a Jehovah's Witness Patient with a 12.7-kg Uterine Leiomyosarcoma. Journal of Surgical Education, 2007, 64, 212-219.	2.5	12
102	The Approach to Patients with Bleeding Disorders Who Do Not Accept Blood-Derived Products. Seminars in Thrombosis and Hemostasis, 2013, 39, 182-190.	2.7	12
103	Postoperative Anemia: A Sign of Treatment Failure. Anesthesia and Analgesia, 2016, 122, 1755-1759.	2.2	12
104	How I treat anemia in the perisurgical setting. Blood, 2020, 136, 814-822.	1.4	12
105	Restrictive Transfusion Strategy and Clinical Decision Support Practices for Reducing RBC Transfusion Overuse. American Journal of Clinical Pathology, 2019, 152, 544-557.	0.7	11
106	Restrictive Versus Liberal Transfusion Trials: Are They Asking the Right Question?. Anesthesia and Analgesia, 2020, 131, 1950-1955.	2.2	11
107	Use of a Hemoglobin-Based Oxygen Carrier in the Treatment of Severe Anemia. Obstetrics and Gynecology, 2004, 103, 1096-1099.	2.4	10
108	Erythropoiesisâ€stimulating agents: friends or foes?. Transfusion, 2013, 53, 1867-1872.	1.6	10

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109	Anesthesia for Patients with Anemia. Anesthesiology Clinics, 2016, 34, 711-730.	1.4	10
110	The Evolving Dilemma of Factor XI in Pregnancy. Anesthesia and Analgesia, 2018, 126, 2032-2037.	2.2	10
111	Thresholds, triggers or requirementsâ€"time to look beyond the transfusion trials. Journal of Thoracic Disease, 2018, 10, 1152-1157.	1.4	9
112	Risks of Anemia in Cardiac Surgery Patients. Seminars in Cardiothoracic and Vascular Anesthesia, 2015, 19, 288-292.	1.0	8
113	Use of Plasma in the Management of Central Nervous System Bleeding: Evidence-Based Consensus Recommendations. Advances in Therapy, 2014, 31, 66-90.	2.9	7
114	Modern Anesthetic Noninvasive Monitoring: A Deep Look into Perioperative Care. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, S1-S2.	1.3	7
115	Anemia Management and Audit Feedback Practices for Reducing Overuse of RBC Transfusion. American Journal of Clinical Pathology, 2019, 151, 18-28.	0.7	7
116	Activityâ€based cost of platelet transfusions in medical and surgical inpatients at a US hospital. Vox Sanguinis, 2021, 116, 998-1004.	1.5	7
117	Physician autonomy and patient rights: lessons from an enforced blood transfusion and the role of patient blood management. Vox Sanguinis, 2021, 116, 1023-1030.	1.5	7
118	Acquired Hemophilia Presenting as Profound Hematuria: Evaluation, Diagnosis, and Management of Elusive Cause of Bleeding in the Emergency Department Setting. Journal of Emergency Medicine, 2013, 45, e1-e6.	0.7	6
119	One Size Does Not Fit All in Treating Massive Hemorrhage. Anesthesia and Analgesia, 2020, 131, 480-482.	2.2	6
120	The cost of one unit blood transfusion components and cost-effectiveness analysis results of transfusion improvement program. Turkish Journal of Thoracic and Cardiovascular Surgery, 2021, 29, 150-157.	0.4	6
121	Introduction. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2013, 27, 1-3.	4.0	5
122	Patient blood management: A role for pharmacists. American Journal of Health-System Pharmacy, 2017, 74, e83-e89.	1.0	5
123	Preoperative autologous blood donation. Transfusion Alternatives in Transfusion Medicine, 2006, 8, 29-34.	0.2	4
124	Critical Role of Iron in Epoetin Alfa Treatment of Chemotherapy-Associated Anemia. Journal of Clinical Oncology, 2016, 34, 3819-3820.	1.6	4
125	Mortality and morbidity in nonâ€transfusable and transfusable patients: A systematic review and metaâ€analysis. Transfusion, 2022, 62, 685-697.	1.6	4
126	The unresolved safety concerns of bovine thrombin. Patient Safety in Surgery, 2008, 2, 23.	2.3	3

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127	Responses of advanced directives by Jehovah's Witnesses on a gynecologic oncology service. Journal of Blood Medicine, 2014, 6, 17.	1.7	3
128	Anesthesiologists and the Quality of Death. Anesthesia and Analgesia, 2014, 118, 695-697.	2.2	3
129	Reducing red blood cell transfusion in orthopedic and cardiac surgeries with Antifibrinolytics: A laboratory medicine best practice systematic review and meta-analysis. Clinical Biochemistry, 2019, 71, 1-13.	1.9	3
130	"Permissive anemia― Journal of Cardiac Surgery, 2019, 34, 1147-1149.	0.7	3
131	Deploying Health Care Providers During the COVID-19 Pandemic. Disaster Medicine and Public Health Preparedness, 2022, 16, 2669-2672.	1.3	3
132	In Reply. Anesthesiology, 2013, 118, 223-224.	2.5	3
133	Should we restrict erythrocyte transfusion in early goal directed protocols?. BMC Anesthesiology, 2015, 15, 75.	1.8	2
134	Anemia in the Surgical ICU., 2016,, 295-312.		2
135	Navigating the Fine Line Between the Bad and Worse: The Issue Is Not the Number, and the Message Is Not 倜All or Nothing― Journal of Cardiothoracic and Vascular Anesthesia, 2016, 30, 1159-1162.	1.3	2
136	Do Allogeneic Blood Transfusions Cause Infection?. Anesthesia and Analgesia, 2017, 125, 1092-1094.	2.2	2
137	Rashomon Effect and the Contradiction of Data, Practice, and Regulations. Anesthesia and Analgesia, 2018, 127, 325-328.	2.2	2
138	Preoperative Anemia Management: Value-based Care for Orthopedic Surgery. Techniques in Orthopaedics, 2020, 35, 7-14.	0.2	2
139	Optimizing transfusion in vascular surgery: is bloodless surgery an option?. Vascular, 2008, 16 Suppl 1, S37-47.	0.9	2
140	Another headache for anemia*. Critical Care Medicine, 2007, 35, 2454-2456.	0.9	1
141	CASE 3â€"2008 The Use of Acute Normovolemic Hemodilution During Cardiac Surgery in a Patient With Human Immunodeficiency Virus Infection. Journal of Cardiothoracic and Vascular Anesthesia, 2008, 22, 474-481.	1.3	1
142	Are We Begging a Question or Begging an Answer?. Anesthesia and Analgesia, 2014, 119, 755-757.	2.2	1
143	Power, Knowledge, and Transfusions: The Need to Refocus on Patient Blood Management. Joint Commission Journal on Quality and Patient Safety, 2017, 43, 386-388.	0.7	1
144	Network meta-analysis of isolated patient blood management interventions leads to uncertain interpretation. Comment on Br J Anaesth 2020; https://doi.org/10.1016/j.bja.2020.04.087. British Journal of Anaesthesia, 2021, 126, e1-e2.	3.4	1

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145	The Yin and Yang of Blood Transfusion. Turkish Journal of Anaesthesiology and Reanimation, 2017, 45, 122-123.	0.8	1
146	Law, Ethics, Religion, and Blood Management. , 0, , 287-298.		O
147	Appendix A: Detailed Information. , 0, , 322-328.		O
148	Appendix C: Program Tools and Forms. , 0, , 334-345.		O
149	Appendix D: Teaching Aids: Research and Projects. , 0, , 346-349.		O
150	Appendix E: Address Book. , 0, , 350-375.		0
151	Invited Commentary. Annals of Thoracic Surgery, 2008, 85, 844.	1.3	O
152	A case of no pain and no gain from blood?*. Critical Care Medicine, 2009, 37, 2104-2105.	0.9	0
153	Invited Commentary. Annals of Thoracic Surgery, 2010, 89, 576-577.	1.3	O
154	Introduction. Journal of Cardiothoracic and Vascular Anesthesia, 2013, 27, S1-S2.	1.3	O
155	Patient Blood Management From Blood Product to Patient-centered Care. Refresher Courses in Anesthesiology, 2013, 41, 109-114.	0.1	O
156	Apples, oranges, and autotransfusion techniques. Transfusion, 2014, 54, 2132-2133.	1.6	O
157	Hemoglobin function and patient blood management. , 0, , 62-73.		0
158	Transfusion Therapy and Common Hematologic Problems in the Critically Ill Elderly., 0,, 147-167.		O
159	In Response. Anesthesia and Analgesia, 2019, 128, e10.	2.2	0
160	Red cell use in trauma. Current Opinion in Anaesthesiology, 2020, 33, 220-226.	2.0	0
161	The Principles of Bloodless Medicine and Surgery. , 0, , 367-380.		O