

Matthew D Neal

List of Publications by Year in descending order

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Version: 2024-02-01

164
papers

8,895
citations

53794

45
h-index

48315

88
g-index

171
all docs

171
docs citations

171
times ranked

8605
citing authors

#	ARTICLE	IF	CITATIONS
1	Therapeutic Anticoagulation with Heparin in Noncritically Ill Patients with Covid-19. <i>New England Journal of Medicine</i> , 2021, 385, 790-802.	27.0	778
2	Therapeutic Anticoagulation with Heparin in Critically Ill Patients with Covid-19. <i>New England Journal of Medicine</i> , 2021, 385, 777-789.	27.0	712
3	Prehospital Plasma during Air Medical Transport in Trauma Patients at Risk for Hemorrhagic Shock. <i>New England Journal of Medicine</i> , 2018, 379, 315-326.	27.0	573
4	Enterocyte TLR4 Mediates Phagocytosis and Translocation of Bacteria Across the Intestinal Barrier. <i>Journal of Immunology</i> , 2006, 176, 3070-3079.	0.8	440
5	Diverting Loop Ileostomy and Colonic Lavage. <i>Annals of Surgery</i> , 2011, 254, 423-429.	4.2	306
6	Trauma-induced coagulopathy. <i>Nature Reviews Disease Primers</i> , 2021, 7, 30.	30.5	300
7	Platelet-derived HMGB1 is a critical mediator of thrombosis. <i>Journal of Clinical Investigation</i> , 2015, 125, 4638-4654.	8.2	281
8	Intestinal Epithelial Toll-Like Receptor 4 Regulates Goblet Cell Development and Is Required for Necrotizing Enterocolitis in Mice. <i>Gastroenterology</i> , 2012, 143, 708-718.e5.	1.3	250
9	Endothelial TLR4 activation impairs intestinal microcirculatory perfusion in necrotizing enterocolitis via eNOSâ€œNOâ€œ nitrite signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9451-9456.	7.1	186
10	Toll-like Receptor 4 Is Expressed on Intestinal Stem Cells and Regulates Their Proliferation and Apoptosis via the p53 Up-regulated Modulator of Apoptosis. <i>Journal of Biological Chemistry</i> , 2012, 287, 37296-37308.	3.4	182
11	Amniotic fluid inhibits Toll-like receptor 4 signaling in the fetal and neonatal intestinal epithelium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11330-11335.	7.1	151
12	Toll-like Receptor 4-mediated Endoplasmic Reticulum Stress in Intestinal Crypts Induces Necrotizing Enterocolitis. <i>Journal of Biological Chemistry</i> , 2014, 289, 9584-9599.	3.4	141
13	Tranexamic acid administration is associated with an increased risk of posttraumatic venous thromboembolism. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 86, 20-27.	2.1	140
14	Deep vein thrombosis in mice is regulated by platelet HMGB1 through release of neutrophil-extracellular traps and DNA. <i>Scientific Reports</i> , 2018, 8, 2068.	3.3	133
15	Chloroquine reduces hypercoagulability in pancreatic cancer through inhibition of neutrophil extracellular traps. <i>BMC Cancer</i> , 2018, 18, 678.	2.6	133
16	Endotoxin Inhibits Intestinal Epithelial Restitution through Activation of Rho-GTPase and Increased Focal Adhesions. <i>Journal of Biological Chemistry</i> , 2004, 279, 24592-24600.	3.4	129
17	A Critical Role for TLR4 Induction of Autophagy in the Regulation of Enterocyte Migration and the Pathogenesis of Necrotizing Enterocolitis. <i>Journal of Immunology</i> , 2013, 190, 3541-3551.	0.8	115
18	Crystalloid to packed red blood cell transfusion ratio in the massively transfused patient. <i>Journal of Trauma</i> , 2012, 72, 892-898.	2.3	112

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19	Discovery and Validation of a New Class of Small Molecule Toll-Like Receptor 4 (TLR4) Inhibitors. PLoS ONE, 2013, 8, e65779.	2.5	105
20	Neutrophil extracellular traps regulate ischemic stroke brain injury. Journal of Clinical Investigation, 2022, 132, .	8.2	102
21	Bacterial contamination of platelets for transfusion: strategies for prevention. Critical Care, 2018, 22, 271.	5.8	97
22	Fibrinolysis Shutdown in Trauma: Historical Review and Clinical Implications. Anesthesia and Analgesia, 2019, 129, 762-773.	2.2	95
23	Endorectal pull-through for Hirschsprung's disease—a multicenter, long-term comparison of results: transanal vs transabdominal approach. Journal of Pediatric Surgery, 2010, 45, 1213-1220.	1.6	92
24	An appraisal of endoscopic retrograde cholangiopancreatography (ERCP) for pancreaticobiliary disease in children: our institutional experience in 231 cases. Surgical Endoscopy and Other Interventional Techniques, 2011, 25, 2536-2540.	2.4	92
25	Effect of P2Y12 Inhibitors on Survival Free of Organ Support Among Non-Critically Ill Hospitalized Patients With COVID-19. JAMA - Journal of the American Medical Association, 2022, 327, 227.	7.4	89
26	Effect of Antiplatelet Therapy on Survival and Organ Support-Free Days in Critically Ill Patients With COVID-19. JAMA - Journal of the American Medical Association, 2022, 327, 1247.	7.4	83
27	Intracellular Heat Shock Protein-70 Negatively Regulates TLR4 Signaling in the Newborn Intestinal Epithelium. Journal of Immunology, 2012, 188, 4543-4557.	0.8	80
28	Platelets amplify endotheliopathy in COVID-19. Science Advances, 2021, 7, eabh2434.	10.3	78
29	The confusion continues: results from an American Association for the Surgery of Trauma survey on massive transfusion practices among United States trauma centers. Transfusion, 2016, 56, 2478-2486.	1.6	67
30	Extracellular High Mobility Group Box-1 (HMGB1) Inhibits Enterocyte Migration via Activation of Toll-like Receptor-4 and Increased Cell-Matrix Adhesiveness. Journal of Biological Chemistry, 2010, 285, 4995-5002.	3.4	66
31	Platelet Extracellular Vesicles Drive Inflammation-IL-1 β -Dependent Lung Injury in Sickle Cell Disease. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 33-46.	5.6	66
32	Whole Blood is Superior to Component Transfusion for Injured Children. Annals of Surgery, 2020, 272, 590-594.	4.2	62
33	Evidence-Based and Clinically Relevant Outcomes for Hemorrhage Control Trauma Trials. Annals of Surgery, 2021, 273, 395-401.	4.2	61
34	Intravenous synthetic platelet (SynthoPlate) nanoconstructs reduce bleeding and improve "golden hour"™ survival in a porcine model of traumatic arterial hemorrhage. Scientific Reports, 2018, 8, 3118.	3.3	60
35	Design of the Study of Tranexamic Acid during Air Medical Prehospital Transport (STAAMP) Trial: Addressing the Knowledge Gaps. Prehospital Emergency Care, 2015, 19, 79-86.	1.8	59
36	Trending Fibrinolytic Dysregulation. Annals of Surgery, 2017, 266, 508-515.	4.2	56

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37	A comparison between the TEG 6s and TEG 5000 analyzers to assess coagulation in trauma patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 88, 279-285.	2.1	56
38	Defining trauma-induced coagulopathy with respect to future implications for patient management: Communication from the SSC of the ISTH. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 740-747.	3.8	56
39	Tranexamic Acid During Prehospital Transport in Patients at Risk for Hemorrhage After Injury. <i>JAMA Surgery</i> , 2020, , .	4.3	53
40	State of the art: massive transfusion. <i>Transfusion Medicine</i> , 2014, 24, 138-144.	1.1	52
41	Prehospital plasma is associated with distinct biomarker expression following injury. <i>JCI Insight</i> , 2020, 5, .	5.0	52
42	Toll-Like Receptor 4 Regulates Platelet Function and Contributes to Coagulation Abnormality and Organ Injury in Hemorrhagic Shock and Resuscitation. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 615-624.	5.1	51
43	Abnormalities in fibrinolysis at the time of admission are associated with deep vein thrombosis, mortality, and disability in a pediatric trauma population. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 82, 27-34.	2.1	51
44	Association Between Preoperative Metformin Exposure and Postoperative Outcomes in Adults With Type 2 Diabetes. <i>JAMA Surgery</i> , 2020, 155, e200416.	4.3	51
45	Taking the Blood Bank to the Field: The Design and Rationale of the Prehospital Air Medical Plasma (PAMPer) Trial. <i>Prehospital Emergency Care</i> , 2015, 19, 343-350.	1.8	50
46	Association of Prehospital Plasma With Survival in Patients With Traumatic Brain Injury. <i>JAMA Network Open</i> , 2020, 3, e2016869.	5.9	50
47	Platelet-derived extracellular vesicles released after trauma promote hemostasis and contribute to DVT in mice. <i>Journal of Thrombosis and Haemostasis</i> , 2019, 17, 1733-1745.	3.8	49
48	A qualitative study of gender differences in the experiences of general surgery trainees. <i>Journal of Surgical Research</i> , 2018, 228, 127-134.	1.6	48
49	Forgot calcium? Admission ionized-calcium in two civilian randomized controlled trials of prehospital plasma for traumatic hemorrhagic shock. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 88, 588-596.	2.1	48
50	Should All Massively Transfused Patients Be Treated Equally? An Analysis of Massive Transfusion Ratios in the Nontrauma Setting. <i>Critical Care Medicine</i> , 2017, 45, 1311-1316.	0.9	46
51	Platelet-derived high-mobility group box 1 promotes recruitment and suppresses apoptosis of monocytes. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 143-148.	2.1	45
52	Use of a Massive Transfusion Protocol in Nontrauma Patients: Activate Away. <i>Journal of the American College of Surgeons</i> , 2013, 216, 1103-1109.	0.5	42
53	Platelet HMGB1 is required for efficient bacterial clearance in intra-abdominal bacterial sepsis in mice. <i>Blood Advances</i> , 2018, 2, 638-648.	5.2	41
54	Alterations in platelet behavior after major trauma: adaptive or maladaptive?. <i>Platelets</i> , 2021, 32, 295-304.	2.3	41

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55	Viscoelastic Hemostatic Assays: A Primer on Legacy and New Generation Devices. <i>Journal of Clinical Medicine</i> , 2022, 11, 860.	2.4	41
56	Prehospital plasma in injured patients is associated with survival principally in blunt injury: Results from two randomized prehospital plasma trials. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 88, 33-41.	2.1	40
57	Intestinal Stem Cells and Their Roles During Mucosal Injury and Repair. <i>Journal of Surgical Research</i> , 2011, 167, 1-8.	1.6	39
58	Innate Immune Activation After Transfusion of Stored Red Blood Cells. <i>Transfusion Medicine Reviews</i> , 2013, 27, 113-118.	2.0	39
59	Effects of Gender Bias and Stereotypes in Surgical Training. <i>JAMA Surgery</i> , 2020, 155, 552.	4.3	38
60	Overresuscitation with plasma is associated with sustained fibrinolysis shutdown and death in pediatric traumatic brain injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 85, 12-17.	2.1	36
61	Surgical rescue. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 82, 280-286.	2.1	35
62	Platelet-mimicking procoagulant nanoparticles augment hemostasis in animal models of bleeding. <i>Science Translational Medicine</i> , 2022, 14, eabb8975.	12.4	35
63	Multi-omic analysis in injured humans: Patterns align with outcomes and treatment responses. <i>Cell Reports Medicine</i> , 2021, 2, 100478.	6.5	35
64	Platelet Transfusion in Critical Care and Surgery. <i>Shock</i> , 2017, 47, 537-549.	2.1	34
65	Intravenous administration of synthetic platelets (SynthoPlate) in a mouse liver injury model of uncontrolled hemorrhage improves hemostasis. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 84, 917-923.	2.1	34
66	A Systematic Review of Gender-Based Differences in Hirsch Index Among Academic Surgeons. <i>Journal of Surgical Research</i> , 2019, 236, 22-29.	1.6	31
67	Synthesis of anti-inflammatory $\hat{1}\pm$ - and $\hat{1}^2$ -linked acetamidopyranosides as inhibitors of toll-like receptor 4 (TLR4). <i>Tetrahedron Letters</i> , 2015, 56, 3097-3100.	1.4	30
68	Hepatic Surgical Stress Promotes Systemic Immunothrombosis That Results in Distant Organ Injury. <i>Frontiers in Immunology</i> , 2020, 11, 987.	4.8	30
69	Prehospital low titer group O whole blood is feasible and safe: Results of a prospective randomized pilot trial. <i>Journal of Trauma and Acute Care Surgery</i> , 2022, 92, 839-847.	2.1	30
70	Massive Transfusion. <i>Archives of Surgery</i> , 2012, 147, 563-71.	2.2	29
71	X Chromosome-Linked IRAK-1 Polymorphism Is a Strong Predictor of Multiple Organ Failure and Mortality Postinjury. <i>Annals of Surgery</i> , 2014, 260, 698-705.	4.2	29
72	ADAMTS13: origins, applications, and prospects. <i>Transfusion</i> , 2018, 58, 2453-2462.	1.6	29

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73	Over Reliance on Computed Tomography Imaging in Patients With Severe Abdominal Injury: Is the Delay Worth the Risk?. <i>Journal of Trauma</i> , 2011, 70, 278-284.	2.3	28
74	A novel scoring system to predict the development of necrotizing enterocolitis totalis in premature infants. <i>Journal of Pediatric Surgery</i> , 2014, 49, 1053-1056.	1.6	28
75	Nanomedicine platform for targeting activated neutrophils and neutrophil-platelet complexes using an α 1-antitrypsin-derived peptide motif. <i>Nature Nanotechnology</i> , 2022, 17, 1004-1014.	31.5	26
76	Principal component analysis of coagulation assays in severely injured children. <i>Surgery</i> , 2018, 163, 827-831.	1.9	25
77	Early Prehospital Tranexamic Acid Following Injury Is Associated With a 30-day Survival Benefit. <i>Annals of Surgery</i> , 2021, 274, 419-426.	4.2	25
78	Presence of pneumomediastinum after blunt trauma in children: what does it really mean?. <i>Journal of Pediatric Surgery</i> , 2009, 44, 1322-1327.	1.6	24
79	Traumatic injury results in prolonged circulation of ultralarge von Willebrand factor and a reduction in ADAMTS13 activity. <i>Transfusion</i> , 2020, 60, 1308-1318.	1.6	24
80	Redefining acute care surgery. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 79, 327.	2.1	23
81	Immuno-Thrombotic Complications of COVID-19: Implications for Timing of Surgery and Anticoagulation. <i>Frontiers in Surgery</i> , 2022, 9, .	1.4	23
82	Fibrinolysis Shutdown and Thrombosis in Severe COVID-19. <i>Journal of the American College of Surgeons</i> , 2020, 231, 203-204.	0.5	22
83	Is Coagulopathy an Appropriate Therapeutic Target During Critical Illness Such as Trauma or Sepsis?. <i>Shock</i> , 2017, 48, 159-167.	2.1	21
84	Risk of Venous Thromboembolism for Patients with Pancreatic Ductal Adenocarcinoma Undergoing Preoperative Chemotherapy Followed by Surgical Resection. <i>Annals of Surgical Oncology</i> , 2019, 26, 1503-1511.	1.5	21
85	High-School Students Can Stop the Bleed: A Randomized, Controlled Educational Trial. <i>Academic Pediatrics</i> , 2021, 21, 321-328.	2.0	21
86	Injured recipients of low-titer group O whole blood have similar clinical outcomes compared to recipients of conventional component therapy: A single-center, retrospective study. <i>Transfusion</i> , 2021, 61, 1710-1720.	1.6	21
87	Low Titer Group O Whole Blood In Injured Children Requiring Massive Transfusion. <i>Annals of Surgery</i> , 2023, 277, e919-e924.	4.2	20
88	Association Between Time to Source Control in Sepsis and 90-Day Mortality. <i>JAMA Surgery</i> , 2022, 157, 817.	4.3	20
89	Trauma-Hemorrhagic Shock Induces a CD36-Dependent RBC Endothelial-Adhesive Phenotype. <i>Critical Care Medicine</i> , 2014, 42, e200-e210.	0.9	19
90	Prehospital Use of Nonsteroidal Anti-inflammatory Drugs (NSAIDs) Is Associated With a Reduced Incidence of Trauma-Induced Coagulopathy. <i>Annals of Surgery</i> , 2014, 260, 378-382.	4.2	19

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91	Defining a Research Agenda for Layperson Prehospital Hemorrhage Control. JAMA Network Open, 2020, 3, e209393.	5.9	19
92	A systematic review and meta-analysis of traumatic intracranial hemorrhage in patients taking prehospital antiplatelet therapy: Is there a role for platelet transfusions?. Journal of Trauma and Acute Care Surgery, 2020, 88, 847-854.	2.1	19
93	Platelet-€Monocyte Aggregates: Understanding Mechanisms and Functions in Sepsis. Shock, 2021, 55, 156-166.	2.1	17
94	Management of anticoagulation with rivaroxaban in trauma and acute care surgery. Journal of Trauma and Acute Care Surgery, 2017, 82, 542-549.	2.1	16
95	Extracellular Cyclophilin A Augments Platelet-Dependent Thrombosis and Thromboinflammation. Thrombosis and Haemostasis, 2017, 117, 2063-2078.	3.4	16
96	Preventing Thrombohemorrhagic Complications of Heparinized COVID-19 Patients Using Adjunctive Thromboelastography: A Retrospective Study. Journal of Clinical Medicine, 2021, 10, 3097.	2.4	16
97	Bioinspired artificial platelets: past, present and future. Platelets, 2022, 33, 35-47.	2.3	16
98	Design and implementation of the Western Pennsylvania regional Stop the Bleed initiative. Journal of Trauma and Acute Care Surgery, 2018, 85, 684-690.	2.1	15
99	Blunt cerebrovascular injury in elderly fall patients: are we screening enough?. World Journal of Emergency Surgery, 2018, 13, 30.	5.0	15
100	Severity of hemorrhage and the survival benefit associated with plasma: Results from a randomized prehospital plasma trial. Journal of Trauma and Acute Care Surgery, 2020, 88, 141-147.	2.1	15
101	Whole-Blood Resuscitation of Injured Patients. JAMA Surgery, 2020, 155, 771.	4.3	15
102	Endoscopic retrograde cholangiopancreatography is safe and effective for the diagnosis and treatment of pancreaticobiliary disease following abdominal organ transplant in children. Pediatric Transplantation, 2012, 16, 829-834.	1.0	14
103	Preinjury Statin Use Is Associated With a Higher Risk of Multiple Organ Failure After Injury: A Propensity Score Adjusted Analysis. Journal of Trauma, 2009, 67, 476-484.	2.3	13
104	Heme Oxygenase-2 Localizes to Mitochondria and Regulates Hypoxic Responses in Hepatocytes. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-10.	4.0	13
105	Early versus late venous thromboembolism: A secondary analysis of data from the PROPPR trial. Surgery, 2019, 166, 416-422.	1.9	13
106	Window of Opportunity to Mitigate Trauma-induced Coagulopathy. Annals of Surgery, 2019, 270, 528-534.	4.2	13
107	Correlation of Thromboelastography with Apparent Rivaroxaban Concentration. Anesthesiology, 2020, 132, 280-290.	2.5	13
108	Implementation of a prehospital air medical thawed plasma program: Is it even feasible?. Journal of Trauma and Acute Care Surgery, 2019, 87, 1077-1081.	2.1	12

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109	Von Willebrand factor as a thrombotic and inflammatory mediator in critical illness. <i>Transfusion</i> , 2020, 60, S158-S166.	1.6	11
110	Fibrinolysis Shutdown in COVID-19-Associated Coagulopathy: A Crosstalk among Immunity, Coagulation, and Specialists in Medicine and Surgery. <i>Journal of the American College of Surgeons</i> , 2021, 232, 1003-1006.	0.5	11
111	Platelet HMGB1 in Platelet-Rich Plasma (PRP) promotes tendon wound healing. <i>PLoS ONE</i> , 2021, 16, e0251166.	2.5	11
112	Reduced cleavage of von willebrand factor by ADAMTS13 is associated with microangiopathic acute kidney injury following trauma. <i>Blood Coagulation and Fibrinolysis</i> , 2022, 33, 14-24.	1.0	11
113	Reversing anti- factor Xa agents and the unmet needs in trauma patients. <i>Blood</i> , 2018, 132, 2441-2445.	1.4	10
114	Characterization of unexpected survivors following a prehospital plasma randomized trial. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 89, 908-914.	2.1	9
115	Uncontrolled Hemorrhagic Shock Modeled via Liver Laceration in Mice with Real Time Hemodynamic Monitoring. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	8
116	Perceptions Regarding Mentorship Among General Surgery Trainees With Academic Career Intentions. <i>Journal of Surgical Education</i> , 2019, 76, 916-923.	2.5	8
117	Accelerating availability of clinically-relevant parameter estimates from thromboelastogram point-of-care device. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 88, 654-660.	2.1	8
118	Massive transfusion and the response to prehospital plasma: It is all in how you define it. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 89, 43-50.	2.1	8
119	<scp>Anti- alloimmunization in Rh(D) negative adults with severe traumatic injury. <i>Transfusion</i> , 2021, 61, S144-S149.	1.6	8
120	Intravascular hemolysis triggers ADP-mediated generation of platelet-rich thrombi in precapillary pulmonary arterioles. <i>JCI Insight</i> , 2020, 5, .	5.0	8
121	Platelet dysfunction after trauma: From mechanisms to targeted treatment. <i>Transfusion</i> , 2022, 62, .	1.6	8
122	Toward a more complete understanding of who will benefit from prehospital transfusion. <i>Transfusion</i> , 2022, 62, 1671-1679.	1.6	7
123	The use of pre-operative imaging and intraoperative parathyroid hormone level to guide surgical management of tertiary hyperparathyroidism from X-linked hypophosphatemic rickets: a case report. <i>Cases Journal</i> , 2009, 2, 7572.	0.4	6
124	Precision Correction of Coagulopathy or Prothrombin Complex Concentrates?. <i>Anesthesiology</i> , 2017, 127, 744-746.	2.5	6
125	Viscoelastic monitoring in trauma resuscitation. <i>Transfusion</i> , 2020, 60, S33-S51.	1.6	6
126	The role of viscoelastic testing in assessing peri-interventional platelet function and coagulation. <i>Platelets</i> , 2022, 33, 520-530.	2.3	6

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127	The Epidemiology of Extremity Threat and Amputation after Vasopressor-Dependent Sepsis. <i>Annals of the American Thoracic Society</i> , 2022, 19, 625-632.	3.2	6
128	The Pathobiological Basis for Thrombotic Complications in COVID-19: a Review of the Literature. <i>Current Pathobiology Reports</i> , 2021, 9, 107-117.	3.4	6
129	The great platelet paradox: evolution of platelet contribution to hemostasis, inflammation, and thrombosis after injury. <i>Blood Advances</i> , 2020, 4, 2556-2556.	5.2	5
130	Evaluating the Cost-effectiveness of Prehospital Plasma Transfusion in Unstable Trauma Patients. <i>JAMA Surgery</i> , 2021, 156, 1131.	4.3	5
131	The emerging therapeutic potential of extracellular vesicles in trauma. <i>Journal of Leukocyte Biology</i> , 2021, 111, 93-111.	3.3	5
132	Rapid detection of platelet inhibition and dysfunction in traumatic brain injury: A prospective observational study. <i>Journal of Trauma and Acute Care Surgery</i> , 2022, 92, 167-176.	2.1	5
133	Hemorrhagic Resuscitation Guided by Viscoelastography in Far-Forward Combat and Austere Civilian Environments: Goal-Directed Whole-Blood and Blood-Component Therapy Far from the Trauma Center. <i>Journal of Clinical Medicine</i> , 2022, 11, 356.	2.4	5
134	Prehospital synergy: Tranexamic acid and blood transfusion in patients at risk for hemorrhage. <i>Journal of Trauma and Acute Care Surgery</i> , 2022, 93, 52-58.	2.1	5
135	Emerging clinical trial designs may accelerate translation in hematology: lessons from COVID-19. <i>Blood Advances</i> , 2022, 6, 4710-4714.	5.2	5
136	Massive Transfusion Protocol Activation Does Not Result in Preferential Use of Older Red Blood Cells. <i>Journal of Blood Transfusion</i> , 2014, 2014, 1-5.	3.3	4
137	Venous thromboembolism after tranexamic acid administration: legitimate risk or statistical confounder?. <i>ANZ Journal of Surgery</i> , 2020, 90, 425-426.	0.7	4
138	Age of thawed plasma does not affect clinical outcomes or biomarker expression in patients receiving prehospital thawed plasma: a PAMPer secondary analysis. <i>Trauma Surgery and Acute Care Open</i> , 2021, 6, e000648.	1.6	4
139	Illustrated State-of-the-Art Capsules of the ISTH 2022 Congress. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2022, 6, e12747.	2.3	4
140	Hernia Management in Cirrhosis: Risk Assessment, Operative Approach, and Perioperative Care. <i>Journal of Surgical Research</i> , 2019, 235, 1-7.	1.6	3
141	Patient and surrogate attitudes via an interviewer-administered survey on exception from informed consent enrollment in the Prehospital Air Medical Plasma (PAMPer) trial. <i>BMC Emergency Medicine</i> , 2020, 20, 76.	1.9	3
142	Educating the Public on Hemorrhage Control: Methods and Challenges of a Public Health Initiative. <i>Current Surgery Reports</i> , 2020, 8, 1.	0.9	3
143	Tension pneumopericardium in an infant. <i>Surgery</i> , 2011, 149, 457-458.	1.9	2
144	The New Zealand white rabbit animal model of acute radiation syndrome: hematopoietic and coagulation-based parameters by radiation dose following supportive care. <i>International Journal of Radiation Biology</i> , 2021, 97, S45-S62.	1.8	2

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145	Proteomics of Coagulopathy Following Injury Reveals Limitations of Using Laboratory Assessment to Define Trauma-Induced Coagulopathy to Predict Massive Transfusion. <i>Annals of Surgery Open</i> , 2022, 3, e167.	1.4	2
146	An adaptive platform trial for evaluating treatments in patients with life-threatening hemorrhage from traumatic injuries: Planning and execution. <i>Transfusion</i> , 2022, 62, .	1.6	2
147	Coupled Model of Blood Volume and Activated Clotting Factor Concentration during Childbirth. <i>IFAC-PapersOnLine</i> , 2018, 51, 52-55.	0.9	1
148	Whole-Blood Resuscitation of Injured Patients's™ Plasma. <i>JAMA Surgery</i> , 2021, 156, 101-102.	4.3	1
149	Does routine postoperative contrast radiography improve outcomes for patients with perforated peptic ulcer? A multicenter retrospective cohort study. <i>Surgery</i> , 2021, 170, 1554-1560.	1.9	1
150	Prolonged Circulation of Ultra-Large Von Willebrand Factor and a Reduction in ADAMTS13 Activity Promotes Microvascular Disease Following Traumatic Injury. <i>Blood</i> , 2019, 134, 444-444.	1.4	1
151	Platelet-Mediated NET Formation Exacerbates Ischemic Stroke Brain Injury. <i>Blood</i> , 2021, 138, 437-437.	1.4	1
152	Reduced Cleavage of Von Willebrand Factor By ADAMTS13 Exacerbates Acute Kidney Injury Secondary to Traumatic Injury. <i>Blood</i> , 2020, 136, 9-9.	1.4	1
153	Pass interference: Getting in the way of platelets. <i>Journal of Thrombosis and Haemostasis</i> , 2019, 17, 1414-1416.	3.8	0
154	Platelet Transfusion for Patients with Traumatic Intracranial Hemorrhage Taking Prehospital Antiplatelet Medication: A Systematic Review and Meta-Analysis. <i>Journal of the American College of Surgeons</i> , 2019, 229, S305-S306.	0.5	0
155	Does Routine Contrast Radiography Improve the Postoperative Care of Patients with Perforated Peptic Ulcer? A Multicenter Retrospective Cohort Study. <i>Journal of the American College of Surgeons</i> , 2020, 231, S93-S94.	0.5	0
156	Pharmacologic Prehabilitation—What About “the Polypill”? <i>JAMA Surgery</i> , 2020, 155, 1083.	4.3	0
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