

Alexander Zarbock

List of Publications by Year in descending order

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Version: 2024-02-01

139
papers

13,359
citations

30070

54
h-index

23533

111
g-index

146
all docs

146
docs citations

146
times ranked

13887
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Early vs Delayed Initiation of Renal Replacement Therapy on Mortality in Critically Ill Patients With Acute Kidney Injury. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 2190.	7.4	819
2	Prophylactic Nasal Continuous Positive Airway Pressure Following Cardiac Surgery Protects From Postoperative Pulmonary Complications. <i>Chest</i> , 2009, 135, 1252-1259.	0.8	811
3	Global epidemiology and outcomes of acute kidney injury. <i>Nature Reviews Nephrology</i> , 2018, 14, 607-625.	9.6	698
4	Prevention of cardiac surgery-associated AKI by implementing the KDIGO guidelines in high risk patients identified by biomarkers: the PrevAKI randomized controlled trial. <i>Intensive Care Medicine</i> , 2017, 43, 1551-1561.	8.2	625
5	Complete reversal of acid-induced acute lung injury by blocking of platelet-neutrophil aggregation. <i>Journal of Clinical Investigation</i> , 2006, 116, 3211-3219.	8.2	536
6	Neutrophils scan for activated platelets to initiate inflammation. <i>Science</i> , 2014, 346, 1234-1238.	12.6	516
7	Acute kidney injury. <i>Nature Reviews Disease Primers</i> , 2021, 7, 52.	30.5	509
8	Leukocyte ligands for endothelial selectins: specialized glycoconjugates that mediate rolling and signaling under flow. <i>Blood</i> , 2011, 118, 6743-6751.	1.4	390
9	Urinary TIMP-2 and IGFBP7 as Early Biomarkers of Acute Kidney Injury and Renal Recovery following Cardiac Surgery. <i>PLoS ONE</i> , 2014, 9, e93460.	2.5	345
10	Recommendations on Acute Kidney Injury Biomarkers From the Acute Disease Quality Initiative Consensus Conference. <i>JAMA Network Open</i> , 2020, 3, e2019209.	5.9	335
11	Effect of Remote Ischemic Preconditioning on Kidney Injury Among High-Risk Patients Undergoing Cardiac Surgery. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 2133.	7.4	330
12	To NET or not to NET: current opinions and state of the science regarding the formation of neutrophil extracellular traps. <i>Cell Death and Differentiation</i> , 2019, 26, 395-408.	11.2	295
13	Leukocyte extravasation and vascular permeability are each controlled in vivo by different tyrosine residues of VE-cadherin. <i>Nature Immunology</i> , 2014, 15, 223-230.	14.5	290
14	Sepsis-induced acute kidney injury revisited. <i>Current Opinion in Critical Care</i> , 2014, 20, 588-595.	3.2	271
15	Spleen Tyrosine Kinase Syk Is Necessary for E-Selectin-Induced β_2 Integrin-Mediated Rolling on Intercellular Adhesion Molecule-1. <i>Immunity</i> , 2007, 26, 773-783.	14.3	265
16	A Neutrophil Timer Coordinates Immune Defense and Vascular Protection. <i>Immunity</i> , 2019, 50, 390-402.e10.	14.3	258
17	Controversies in acute kidney injury: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Conference. <i>Kidney International</i> , 2020, 98, 294-309.	5.2	254
18	Synchronized integrin engagement and chemokine activation is crucial in neutrophil extracellular trap-mediated sterile inflammation. <i>Blood</i> , 2014, 123, 2573-2584.	1.4	234

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19	Distinct roles for talin-1 and kindlin-3 in LFA-1 extension and affinity regulation. <i>Blood</i> , 2012, 119, 4275-4282.	1.4	204
20	PSGL-1 engagement by E-selectin signals through Src kinase Fgr and ITAM adapters DAP12 and FcR γ 3 to induce slow leukocyte rolling. <i>Journal of Experimental Medicine</i> , 2008, 205, 2339-2347.	8.5	183
21	Cardiac and Vascular Surgery-associated Acute Kidney Injury: The 20th International Consensus Conference of the ADQI (Acute Disease Quality Initiative) Group. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	182
22	Integrin Regulation during Leukocyte Recruitment. <i>Journal of Immunology</i> , 2013, 190, 4451-4457.	0.8	176
23	Interfering with VE-PTP stabilizes endothelial junctions in vivo via Tie-2 in the absence of VE-cadherin. <i>Journal of Experimental Medicine</i> , 2015, 212, 2267-2287.	8.5	172
24	Quality Improvement Goals for Acute Kidney Injury. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 941-953.	4.5	152
25	Role of Platelets in Leukocyte Recruitment and Resolution of Inflammation. <i>Frontiers in Immunology</i> , 2018, 9, 2712.	4.8	147
26	Effect of Regional Citrate Anticoagulation vs Systemic Heparin Anticoagulation During Continuous Kidney Replacement Therapy on Dialysis Filter Life Span and Mortality Among Critically Ill Patients With Acute Kidney Injury. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 1629.	7.4	145
27	Rolling on E- or P-selectin induces the extended but not high-affinity conformation of LFA-1 in neutrophils. <i>Blood</i> , 2010, 116, 617-624.	1.4	143
28	Directed transport of neutrophil-derived extracellular vesicles enables platelet-mediated innate immune response. <i>Nature Communications</i> , 2016, 7, 13464.	12.8	143
29	Tyrosine kinase Btk regulates E-selectin-mediated integrin activation and neutrophil recruitment by controlling phospholipase C (PLC) γ 2 and PI3K γ 3 pathways. <i>Blood</i> , 2010, 115, 3118-3127.	1.4	141
30	VLA-4 blockade promotes differential routes into human CNS involving PSGL-1 rolling of T cells and MCAM-adhesion of TH17 cells. <i>Journal of Experimental Medicine</i> , 2014, 211, 1833-1846.	8.5	134
31	Endothelial Basement Membrane Laminin 511 Contributes to Endothelial Junctional Tightness and Thereby Inhibits Leukocyte Transmigration. <i>Cell Reports</i> , 2017, 18, 1256-1269.	6.4	125
32	Prevention of Cardiac Surgery-associated Acute Kidney Injury by Implementing the KDIGO Guidelines in High-Risk Patients Identified by Biomarkers: The PrevAKI-Multicenter Randomized Controlled Trial. <i>Anesthesia and Analgesia</i> , 2021, 133, 292-302.	2.2	115
33	Association between urinary dickkopf-3, acute kidney injury, and subsequent loss of kidney function in patients undergoing cardiac surgery: an observational cohort study. <i>Lancet, The</i> , 2019, 394, 488-496.	13.7	108
34	The role of platelets in acute lung injury (ALI). <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 150.	3.0	101
35	Validation of Cell-Cycle Arrest Biomarkers for Acute Kidney Injury after Pediatric Cardiac Surgery. <i>PLoS ONE</i> , 2014, 9, e110865.	2.5	101
36	Update on Perioperative Acute Kidney Injury. <i>Anesthesia and Analgesia</i> , 2018, 127, 1236-1245.	2.2	97

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37	Postoperative acute kidney injury in adult non-cardiac surgery: joint consensus report of the Acute Disease Quality Initiative and PeriOperative Quality Initiative. <i>Nature Reviews Nephrology</i> , 2021, 17, 605-618.	9.6	94
38	Tissue-Specific Neutrophil Recruitment into the Lung, Liver, and Kidney. <i>Journal of Innate Immunity</i> , 2013, 5, 348-357.	3.8	93
39	Systemic Inflammatory Response Syndrome After Surgery: Mechanisms and Protection. <i>Anesthesia and Analgesia</i> , 2020, 131, 1693-1707.	2.2	91
40	Recruitment of classical monocytes can be inhibited by disturbing heteromers of neutrophil HNP1 and platelet CCL5. <i>Science Translational Medicine</i> , 2015, 7, 317ra196.	12.4	90
41	CD11b is required for chemokine-induced neutrophil arrest. <i>Blood</i> , 2007, 110, 3773-3779.	1.4	86
42	Crucial role of SLP-76 and ADAP for neutrophil recruitment in mouse kidney ischemia-reperfusion injury. <i>Journal of Experimental Medicine</i> , 2012, 209, 407-421.	8.5	85
43	Neutrophil Recruitment: From Model Systems to Tissue-Specific Patterns. <i>Trends in Immunology</i> , 2019, 40, 613-634.	6.8	85
44	The intensive care medicine agenda on acute kidney injury. <i>Intensive Care Medicine</i> , 2017, 43, 1198-1209.	8.2	83
45	Regulation of PTEN activity by p38 β -PKD1 signaling in neutrophils confers inflammatory responses in the lung. <i>Journal of Experimental Medicine</i> , 2012, 209, 2229-2246.	8.5	80
46	Platelets in leucocyte recruitment and function. <i>Cardiovascular Research</i> , 2015, 107, 386-395.	3.8	80
47	The Neutrophil Btk Signalosome Regulates Integrin Activation during Sterile Inflammation. <i>Immunity</i> , 2016, 44, 73-87.	14.3	80
48	Rap1a activation by CalDAG-GEFI and p38 MAPK is involved in E-selectin-dependent slow leukocyte rolling. <i>European Journal of Immunology</i> , 2011, 41, 2074-2085.	2.9	79
49	Enzymatic lipid oxidation by eosinophils propagates coagulation, hemostasis, and thrombotic disease. <i>Journal of Experimental Medicine</i> , 2017, 214, 2121-2138.	8.5	78
50	PSGL-1-dependent myeloid leukocyte activation. <i>Journal of Leukocyte Biology</i> , 2009, 86, 1119-1124.	3.3	75
51	Platelets in Inflammation and Resolution. <i>Journal of Immunology</i> , 2019, 203, 2357-2367.	0.8	74
52	Platelets as autonomous drones for hemostatic and immune surveillance. <i>Journal of Experimental Medicine</i> , 2017, 214, 2193-2204.	8.5	70
53	The impact of acute kidney injury by serum creatinine or urine output criteria on major adverse kidney events in cardiac surgery patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 143-151.e7.	0.8	67
54	Enhanced Recovery After Cardiac Surgery (ERAS Cardiac) Recommendations: An Important First Step—But There Is Much Work to Be Done. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 39-47.	1.3	61

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55	Adhesion Molecules Involved in Neutrophil Recruitment during Sepsis-Induced Acute Kidney Injury. <i>Journal of Innate Immunity</i> , 2014, 6, 597-606.	3.8	59
56	Integrin activation by P-Rex1 is required for selectin-mediated slow leukocyte rolling and intravascular crawling. <i>Blood</i> , 2013, 121, 2301-2310.	1.4	55
57	ADAM8 in invasive cancers: links to tumor progression, metastasis, and chemoresistance. <i>Clinical Science</i> , 2019, 133, 83-99.	4.3	51
58	Improved Survival and Reduced Vascular Permeability by Eliminating or Blocking 12/15-Lipoxygenase in Mouse Models of Acute Lung Injury (ALI). <i>Journal of Immunology</i> , 2009, 183, 4715-4722.	0.8	50
59	Skap2 is required for β 2 integrin-mediated neutrophil recruitment and functions. <i>Journal of Experimental Medicine</i> , 2017, 214, 851-874.	8.5	49
60	Alarmin S100A8 Activates Alveolar Epithelial Cells in the Context of Acute Lung Injury in a TLR4-Dependent Manner. <i>Frontiers in Immunology</i> , 2017, 8, 1493.	4.8	49
61	Leukocyte integrin activation and deactivation: novel mechanisms of balancing inflammation. <i>Journal of Molecular Medicine</i> , 2012, 90, 353-359.	3.9	48
62	Clinical use of [TIMP-2] \times [IGFBP7] biomarker testing to assess risk of acute kidney injury in critical care: guidance from an expert panel. <i>Critical Care</i> , 2019, 23, 225.	5.8	46
63	Neutrophils in acute inflammation: current concepts and translational implications. <i>Blood</i> , 2022, 139, 2130-2144.	1.4	45
64	The Duffy antigen receptor for chemokines in acute renal failure: A facilitator of renal chemokine presentation. <i>Critical Care Medicine</i> , 2007, 35, 2156-2163.	0.9	43
65	Human CCR5 ^{high} effector memory cells perform CNS parenchymal immune surveillance via GZMK-mediated transendothelial diapedesis. <i>Brain</i> , 2019, 142, 3411-3427.	7.6	39
66	A Multinational Observational Study Exploring Adherence With the Kidney Disease: Improving Global Outcomes Recommendations for Prevention of Acute Kidney Injury After Cardiac Surgery. <i>Anesthesia and Analgesia</i> , 2020, 130, 910-916.	2.2	36
67	Secondary Immunodeficiency Related to Kidney Disease (SIDKD) – Definition, Unmet Need, and Mechanisms. <i>Journal of the American Society of Nephrology: JASN</i> , 2022, 33, 259-278.	6.1	35
68	Society of Cardiovascular Anesthesiologists Clinical Practice Update for Management of Acute Kidney Injury Associated With Cardiac Surgery. <i>Anesthesia and Analgesia</i> , 2022, 135, 744-756.	2.2	35
69	Gnb isoforms control a signaling pathway comprising Rac1, Plc β 2, and Plc β 3 leading to LFA-1 activation and neutrophil arrest in vivo. <i>Blood</i> , 2016, 127, 314-324.	1.4	33
70	Restrictive fluid management versus usual care in acute kidney injury (REVERSE-AKI): a pilot randomized controlled feasibility trial. <i>Intensive Care Medicine</i> , 2021, 47, 665-673.	8.2	33
71	Protein tyrosine kinases in neutrophil activation and recruitment. <i>Archives of Biochemistry and Biophysics</i> , 2011, 510, 112-119.	3.0	32
72	Real-time feedback improves chest compression quality in out-of-hospital cardiac arrest: A prospective cohort study. <i>PLoS ONE</i> , 2020, 15, e0229431.	2.5	31

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73	Acute Kidney Injury in Cardiac Surgery. <i>Critical Care Clinics</i> , 2021, 37, 267-278.	2.6	30
74	Platelets orchestrate the resolution of pulmonary inflammation in mice by T reg cell repositioning and macrophage education. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	30
75	Proenkephalin (PENK) as a Novel Biomarker for Kidney Function. <i>journal of applied laboratory medicine, The</i> , 2017, 2, 400-412.	1.3	27
76	The impact of biomarkers of acute kidney injury on individual patient care. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 1295-1305.	0.7	27
77	The integrin-linked kinase is required for chemokine-triggered high-affinity conformation of the neutrophil $\beta 2$ -integrin LFA-1. <i>Blood</i> , 2020, 136, 2200-2205.	1.4	26
78	Chemokine homeostasis vs. chemokine presentation during severe acute lung injury: the other side of the Duffy antigen receptor for chemokines. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010, 298, L462-L471.	2.9	25
79	The Fatal Circle of NETs and NET-Associated DAMPs Contributing to Organ Dysfunction. <i>Cells</i> , 2022, 11, 1919.	4.1	25
80	New Insights Into Leukocyte Recruitment by Intravital Microscopy. <i>Current Topics in Microbiology and Immunology</i> , 2009, 334, 129-152.	1.1	24
81	Regional citrate versus systemic heparin anticoagulation for continuous renal replacement therapy in critically ill patients with acute kidney injury (RICH) trial: study protocol for a multicentre, randomised controlled trial. <i>BMJ Open</i> , 2019, 9, e024411.	1.9	23
82	Dual action by fumaric acid esters synergistically reduces adhesion to human endothelium. <i>Multiple Sclerosis Journal</i> , 2018, 24, 1871-1882.	3.0	21
83	Endothelial cell-derived CD95 ligand serves as a chemokine in induction of neutrophil slow rolling and adhesion. <i>ELife</i> , 2016, 5, .	6.0	21
84	Platelets at the Crossroads of Pro-Inflammatory and Resolution Pathways during Inflammation. <i>Cells</i> , 2022, 11, 1957.	4.1	21
85	Cross-Talk between Shp1 and PIPKI β Controls Leukocyte Recruitment. <i>Journal of Immunology</i> , 2015, 195, 1152-1161.	0.8	20
86	ADAM8 signaling drives neutrophil migration and ARDS severity. <i>JCI Insight</i> , 2022, 7, .	5.0	18
87	PRN473, an inhibitor of Bruton's tyrosine kinase, inhibits neutrophil recruitment <i>via</i> inhibition of macrophage antigen $\beta 1$ signalling. <i>British Journal of Pharmacology</i> , 2018, 175, 429-439.	5.4	17
88	SLPI - a Biomarker of Acute Kidney Injury after Open and Endovascular Thoracoabdominal Aortic Aneurysm (TAAA) Repair. <i>Scientific Reports</i> , 2020, 10, 3453.	3.3	17
89	Novel therapy for renal protection. <i>Current Opinion in Anaesthesiology</i> , 2015, 28, 431-438.	2.0	16
90	Mutation in the CD45 Inhibitory Wedge Modulates Integrin Activation and Leukocyte Recruitment during Inflammation. <i>Journal of Immunology</i> , 2015, 194, 728-738.	0.8	16

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91	Early versus late initiation of renal replacement therapy in critically ill patients with acute kidney injury (The ELAIN-Trial): study protocol for a randomized controlled trial. <i>Trials</i> , 2016, 17, 148.	1.6	16
92	Perioperative Renoprotection: Clinical Implications. <i>Anesthesia and Analgesia</i> , 2020, 131, 1667-1678.	2.2	16
93	Prevention of Acute Kidney Injury. <i>Critical Care Clinics</i> , 2020, 36, 691-704.	2.6	16
94	Comparison of C-C motif chemokine ligand 14 with other biomarkers for adverse kidney events after cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 165, 199-207.e2.	0.8	16
95	<scp>SKAP2</scp> as a new regulator of oligodendroglial migration and myelin sheath formation. <i>Glia</i> , 2021, 69, 2699-2716.	4.9	16
96	Randomized controlled multicentre study of albumin replacement therapy in septic shock (ARISS): protocol for a randomized controlled trial. <i>Trials</i> , 2020, 21, 1002.	1.6	15
97	The AKI care bundle: all bundle components are created equal—are they?. <i>Intensive Care Medicine</i> , 2022, 48, 242-245.	8.2	15
98	Biomarker-guided implementation of the KDIGO guidelines to reduce the occurrence of acute kidney injury in patients after cardiac surgery (PrevAKI-multicentre): protocol for a multicentre, observational study followed by randomised controlled feasibility trial. <i>BMJ Open</i> , 2020, 10, e034201.	1.9	13
99	Regulating inflammation: ADAM8 — a new player in the game. <i>European Journal of Immunology</i> , 2011, 41, 3419-3422.	2.9	12
100	Selectin-Mediated Signaling—Shedding Light on the Regulation of Integrin Activity in Neutrophils. <i>Cells</i> , 2022, 11, 1310.	4.1	12
101	Ischemia-Reperfusion Injury and Anesthesia. <i>BioMed Research International</i> , 2014, 2014, 1-3.	1.9	11
102	ArhGAP15, a RacGAP, Acts as a Temporal Signaling Regulator of Mac-1 Affinity in Sterile Inflammation. <i>Journal of Immunology</i> , 2020, 205, 1365-1375.	0.8	11
103	The Macrophage Migration Inhibitory Factor (MIF) Promoter Polymorphisms (rs3063368, rs755622) Predict Acute Kidney Injury and Death after Cardiac Surgery. <i>Journal of Clinical Medicine</i> , 2020, 9, 2936.	2.4	9
104	MCAM/CD146 Signaling via PLC β 3 Leads to Activation of β 2-Integrins in Memory T-Cells Resulting in Increased Brain Infiltration. <i>Frontiers in Immunology</i> , 2020, 11, 599936.	4.8	9
105	Remote ischemic preconditioning and outcome. <i>Current Opinion in Anaesthesiology</i> , 2015, 28, 165-171.	2.0	8
106	Risk Stratification for Targeted AKI Prevention After Surgery: Biomarkers and Bundled Interventions. <i>Seminars in Nephrology</i> , 2019, 39, 454-461.	1.6	8
107	Diagnosis of Cardiac Surgery-Associated Acute Kidney Injury. <i>Journal of Clinical Medicine</i> , 2021, 10, 3664.	2.4	8
108	Renal replacement therapy in critically ill patients. <i>Current Opinion in Anaesthesiology</i> , 2018, 31, 151-157.	2.0	7

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109	The ITIM Domain-Containing NK Receptor Ly49Q Impacts Pulmonary Infection by Mediating Neutrophil Functions. <i>Journal of Immunology</i> , 2018, 200, 4085-4093.	0.8	7
110	Prevention of acute kidney injury. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2017, 31, 361-370.	4.0	6
111	Acute Kidney Injury. <i>Deutsches Arzteblatt International</i> , 2019, 116, 833-842.	0.9	6
112	Epidemiology of Surgery-Associated Acute Kidney Injury (EPIS-AKI): study protocol for a multicentre, observational trial. <i>BMJ Open</i> , 2021, 11, e055705.	1.9	6
113	STIMulation of signaling in neutrophils. <i>Blood</i> , 2017, 130, 1488-1490.	1.4	5
114	Diabetes With Multiple Autoimmune and Inflammatory Conditions Linked to an Activating SKAP2 Mutation. <i>Diabetes Care</i> , 2021, 44, 1816-1825.	8.6	5
115	Protocol for a prospective, international cohort study on the Management and Outcomes of Perioperative Care among European Diabetic Patients (MOPED). <i>BMJ Open</i> , 2021, 11, e044394.	1.9	5
116	Prediction of cardiac surgery associated - acute kidney injury (CSA-AKI) by healthcare professionals and urine cell cycle arrest AKI biomarkers [TIMP-2]*[IGFBP7]: A single center prospective study (the Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.1	5
117	Urinary [TIMP-2]·[IGFBP7]-guided implementation of the KDIGO bundle to prevent acute kidney injury: a meta-analysis. <i>British Journal of Anaesthesia</i> , 2022, 128, e24-e26.	3.4	5
118	The Effect of Filter Lifespan during Continuous Renal Replacement Therapy in Critically Ill Patients with AKI on the Rate of New Onset Infection: Analysis from the RICH Randomized Controlled Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, , .	5.6	5
119	<i><sc>L</sc></i>·selectin shedding by <sc>NSAID</sc>s: Old friends in new dresses. <i>European Journal of Immunology</i> , 2013, 43, 50-54.	2.9	3
120	Management of right ventricular dysfunction in the perioperative setting. <i>Current Opinion in Anaesthesiology</i> , 2014, 27, 388-393.	2.0	3
121	Timing of renal replacement therapy in acute kidney injury·an issue of importance?. <i>Journal of Thoracic Disease</i> , 2016, 8, 2301-2304.	1.4	3
122	Discussion on ·Prevention of cardiac surgery-associated AKI by implementing the KDIGO guidelines in high risk patients identified by biomarkers: the PrevAKI randomized controlled trial·. <i>Intensive Care Medicine</i> , 2018, 44, 273-274.	8.2	3
123	Commentary: Should goal-directed fluid therapy be used in every cardiac surgery patient to prevent acute kidney injury?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 1878-1879.	0.8	3
124	Acute Kidney Injury and Information Technology. <i>Contributions To Nephrology</i> , 2018, 193, 81-88.	1.1	1
125	Potential Renoprotective Strategies in Adult Cardiac Surgery: A Survey of Society of Cardiovascular Anesthesiologists Members to Explore the Rationale and Beliefs Driving Current Clinical Decision-Making. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 2043-2051.	1.3	1
126	The Journey Begins: Personalized Acute Kidney Injury Therapy*. <i>Critical Care Medicine</i> , 2021, 49, 1822-1825.	0.9	1

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127	Event tracking model of adhesion identifies load-bearing bonds in leukocyte rolling at low shear. FASEB Journal, 2008, 22, 166.6.	0.5	1
128	The effects of citrate dialysate in hemodialysis on polymorphonuclear elastase interaction with tissue factor and its inhibitor. Annals of Translational Medicine, 2019, 7, 391-391.	1.7	1
129	Analysis of Leukocyte Recruitment in Continuous Veno-Venous Hemofiltration with Regional Citrate vs. Systemic Heparin Anticoagulation. Cells, 2022, 11, 1815.	4.1	1
130	Editorial. Current Opinion in Anaesthesiology, 2016, 29, 34-35.	2.0	0
131	Renal biomarkers for the initiation of renal replacement therapy—is this the future?. Journal of Thoracic Disease, 2018, 10, S3229-S3232.	1.4	0
132	Commentary: Keep your ion the urine: A new way to predict postoperative acute kidney injury?. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 928-929.	0.8	0
133	Preemptive renal replacement therapy in critically ill patients?. Annals of Translational Medicine, 2020, 8, 978-978.	1.7	0
134	In Response. Anesthesia and Analgesia, 2021, 132, e83-e84.	2.2	0
135	Dual signaling pathways control LFA-1 mediated rolling and arrest on ICAM-1. FASEB Journal, 2007, 21, A849.	0.5	0
136	Cortactin deficiency is associated with reduced leukocyte recruitment but increased vascular permeability in vivo. FASEB Journal, 2011, 25, 116.1.	0.5	0
137	Selectins and integrins in ischemia-reperfusion and sepsis induced murine acute kidney injury. FASEB Journal, 2013, 27, 868.6.	0.5	0
138	Neutrophil slow rolling and intravascular crawling is dependent on the guanine exchange factor P-Rex1. FASEB Journal, 2013, 27, 138.1.	0.5	0
139	Timing of renal replacement therapy in critically ill patients with acute kidney injury. Annals of Translational Medicine, 2016, 4, 360-360.	1.7	0