

Zaccaria Ricci

List of Publications by Year in descending order

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Version: 2024-02-01

271
papers

8,123
citations

76322
40
h-index

60616
81
g-index

315
all docs

315
docs citations

315
times ranked

6223
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute Kidney Injury in Pediatric Cardiac Intensive Care Children: Not All Admissions Are Equal: A Retrospective Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, 36, 699-706.	1.3	5
2	Survival of infants treated with CKRT: comparing adapted adult platforms with the Carpediemâ„¢. <i>Pediatric Nephrology</i> , 2022, 37, 667-675.	1.7	24
3	Why is corneal donation so rare in childrenâ€™s hospices? A survey of multidisciplinary team members attitudes, knowledge, practice, and experience. <i>Pediatric Transplantation</i> , 2022, , e14217.	1.0	0
4	Modifying the Renal Angina Index for Predicting AKI and Related Adverse Outcomes in Pediatric Heart Surgery. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2022, 13, 196-202.	0.8	9
5	Multisystem Inflammatory Syndrome in Children and Acute Kidney Injury: Retrospective Study of Five Italian PICUs. <i>Pediatric Critical Care Medicine</i> , 2022, Publish Ahead of Print, .	0.5	2
6	The impact of arterial pressure waveform underdamping and resonance filters on cardiac output measurements with pulse wave analysis. <i>British Journal of Anaesthesia</i> , 2022, 129, e6-e8.	3.4	4
7	A Role of Circuit Clotting and Strategies to Prevent It during Blood Purification Therapy with oXiris Membrane: An Observational Multicenter Study. <i>Blood Purification</i> , 2022, 51, 503-512.	1.8	5
8	Commentary: â€œPCRRT Expert Committee ICONIC Position Paper on Prescribing Kidney Replacement Therapy in Critically Sick Children With Acute Liver Failureâ€• <i>Frontiers in Pediatrics</i> , 2022, 10, 897308.	1.9	0
9	Reversed ultrasoundâ€•guided dorsal penile nerve block in children: A retrospective study. <i>Paediatric Anaesthesia</i> , 2022, 32, 1076-1077.	1.1	2
10	Regional Citrate Anticoagulation and Systemic Anticoagulation during Pediatric Continuous Renal Replacement Therapy: A Systematic Literature Review. <i>Journal of Clinical Medicine</i> , 2022, 11, 3121.	2.4	6
11	Palliative Care for Patients with Kidney Disease. <i>Journal of Clinical Medicine</i> , 2022, 11, 3923.	2.4	6
12	Acute Kidney Injury and Special Considerations during Renal Replacement Therapy in Children with Coronavirus Disease-19: Perspective from the Critical Care Nephrology Section of the European Society of Paediatric and Neonatal Intensive Care. <i>Blood Purification</i> , 2021, 50, 150-160.	1.8	26
13	Extracorporeal Blood Purification and Organ Support in the Critically Ill Patient during COVID-19 Pandemic: Expert Review and Recommendation. <i>Blood Purification</i> , 2021, 50, 17-27.	1.8	83
14	Evaluation and Management of Acute Kidney Injury in Children. , 2021, , 1-37.		0
15	Longâ€•term venoâ€•arterial extracorporeal membrane oxygenation as a bridge to heartâ€•lung transplant. <i>Journal of Cardiac Surgery</i> , 2021, 36, 798-799.	0.7	0
16	Vancomycin concentrations during cardiopulmonary bypass in pediatric cardiac surgery: a prospective study. <i>Perfusion (United Kingdom)</i> , 2021, , 026765912110068.	1.0	0
17	Cardiorenal Syndrome. <i>Critical Care Clinics</i> , 2021, 37, 335-347.	2.6	19
18	Cardiac Output Measurement With Echocardiography and Pressure Recording Analytical Method in Pediatric Patients Admitted to the Cardiac Intensive Care Unit: A Retrospective Assessment of Bias Between the Two Methods. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 1351-1357.	1.3	5

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19	Continuous Renal Replacement Therapy in Critically Ill Children in the Pediatric Intensive Care Unit: A Retrospective Analysis of Real-Life Prescriptions, Complications, and Outcomes. <i>Frontiers in Pediatrics</i> , 2021, 9, 696798.	1.9	11
20	Acute Kidney Injury and Extracorporeal Membrane Oxygenation: Review on Multiple Organ Support Options. <i>International Journal of Nephrology and Renovascular Disease</i> , 2021, Volume 14, 321-329.	1.8	11
21	Caring for Critically Ill Children With Suspected or Proven Coronavirus Disease 2019 Infection: Recommendations by the Scientific Sectionsâ€™ Collaborative of the European Society of Pediatric and Neonatal Intensive Care*. <i>Pediatric Critical Care Medicine</i> , 2021, 22, 56-67.	0.5	34
22	Veno-arterial CO2 difference and cardiac index in children after cardiac surgery. <i>Cardiology in the Young</i> , 2021, 31, 597-601.	0.8	3
23	Acute kidney injury: to dialyse or to filter?. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 44-46.	0.7	4
24	Intraoperative core temperature monitoring: accuracy and precision of zero-heat flux heated controlled servo sensor compared with esophageal temperature during major surgery; the ESOSPOT study. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 34, 1111-1119.	1.6	14
25	Sleep duration and architecture in non-intubated intensive care unit patients: an observational study. <i>Sleep Medicine</i> , 2020, 70, 79-87.	1.6	15
26	Pediatric Acute Kidney Injury. <i>Pediatric Critical Care Medicine</i> , 2020, 21, 101-102.	0.5	0
27	Lungâ€™kidney interactions in critically ill patients: consensus report of the Acute Disease Quality Initiative (ADQI) 21 Workgroup. <i>Intensive Care Medicine</i> , 2020, 46, 654-672.	8.2	161
28	Vancomycin prophylaxis in paediatric patients following cardiac surgery: a retrospective evaluation of trough levels and associated variables. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 31, 667-673.	1.1	2
29	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
30	Population Pharmacokinetics of Cefoxitin Administered for Pediatric Cardiac Surgery Prophylaxis. <i>Pediatric Infectious Disease Journal</i> , 2020, 39, 609-614.	2.0	2
31	Acute Kidney Injury and COVID-19. <i>Pediatric Infectious Disease Journal</i> , 2020, 39, e332-e332.	2.0	2
32	Severe Kidney Injury and Sepsis: A Long Road to an Incomplete Recovery*. <i>Pediatric Critical Care Medicine</i> , 2020, 21, 849-850.	0.5	0
33	Continuous kidney replacement therapy in critically ill neonates and infants: a retrospective analysis of clinical results with a dedicated device. <i>Pediatric Nephrology</i> , 2020, 35, 1699-1705.	1.7	34
34	Preemptive kidney support: an optimal practice or a good theory?. <i>Annals of Translational Medicine</i> , 2020, 8, 422-422.	1.7	1
35	Biomarker of persistent acute kidney injury: another gemstone in the jewelry box. <i>Intensive Care Medicine</i> , 2020, 46, 1036-1038.	8.2	2
36	How do I rapidly and correctly identify acute kidney injury?. , 2020, , 389-394.e1.		0

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37	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
38	Effects of levosimendan on ventriculo-arterial coupling and cardiac efficiency in paediatric patients with single-ventricle physiology after surgical palliation: retrospective study. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 30, 623-629.	1.1	8
39	Precision renal replacement therapy. <i>Current Opinion in Critical Care</i> , 2020, 26, 574-580.	3.2	2
40	Double extracorporeal blood purification in refractory pediatric septic shock. <i>Paediatric Anaesthesia</i> , 2019, 29, 966-967.	1.1	3
41	Intravenous sodium and chloride: not too much, not too quick, and only to healthy kidneys!. <i>Journal of Thoracic Disease</i> , 2019, 11, S1180-S1183.	1.4	4
42	Multiple Organ Dysfunction in the Pediatric Intensive Care Unit. , 2019, , 1215-1218.e1.		2
43	Arterial Pressure Monitoring in Pediatric Patients Undergoing Cardiac Surgery: An Observational Study Comparing Invasive and Non-invasive Measurements. <i>Pediatric Cardiology</i> , 2019, 40, 1231-1237.	1.3	6
44	From Multiple Organ Support Therapy to Extracorporeal Organ Support in Critically Ill Patients. <i>Blood Purification</i> , 2019, 48, 99-105.	1.8	40
45	Cefoxitin Prophylaxis During Pediatric Cardiac Surgery: Retrospective Exploration of Postoperative Trough Levels. <i>Pediatric Infectious Disease Journal</i> , 2019, 38, 484-489.	2.0	2
46	Impact of Heparin- or Nonheparin-Coated Circuits on Platelet Function in Pediatric Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2019, 107, 1241-1247.	1.3	2
47	ACUsmart Continuous Renal Replacement Therapy Platform: Multicenter Pilot Study for Technical and Clinical Assessment (A.M.P. Study). <i>Blood Purification</i> , 2019, 48, 60-66.	1.8	1
48	Hemodynamic Support in the Critically Ill Patient. , 2019, , 21-25.e2.		1
49	Treatment of Acute Kidney Injury in Children. , 2019, , 1207-1210.e1.		0
50	Choice of Catheter Size for Infants in Continuous Renal Replacement Therapy. <i>Pediatric Critical Care Medicine</i> , 2019, 20, e170-e179.	0.5	12
51	Persistent pollutants. <i>Current Opinion in Critical Care</i> , 2019, 25, 539-549.	3.2	20
52	Ventricular-Arterial Coupling in Children and Infants With Congenital Heart Disease After Cardiopulmonary Bypass Surgery: Observational Study*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 753-758.	0.5	9
53	Fluid and Electrolyte Balance. , 2019, , 115-133.		0
54	Pediatric Renal Replacement. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 87-89.	0.5	0

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55	Continuous Veno-Venous Hemodialysis Using the Cardio-Renal Pediatric Dialysis Emergency Machine^{&TM}: First Clinical Experiences. Blood Purification, 2019, 47, 149-155.	1.8	16
56	International Survey on the Management of Acute Kidney Injury and Continuous Renal Replacement Therapies: Year 2018. Blood Purification, 2019, 47, 113-119.	1.8	31
57	Processed EEG monitoring for anesthesia and intensive care practice. Minerva Anestesiologica, 2019, 85, 1219-1230.	1.0	20
58	Clinical Effects of Continuous Renal Replacement Therapies. , 2019, , 1046-1050.e1.		0
59	Adequacy of Continuous Renal Replacement Therapy. , 2019, , 1029-1034.e2.		0
60	The Concept of Renal Replacement Therapy Dose and Efficiency. , 2019, , 879-883.e1.		0
61	Extracorporeal Membrane Oxygenation and Continuous Renal Replacement Therapy in Adults and Children. , 2019, , 759-764.e2.		0
62	The Kidney in Diastolic Dysfunction. , 2019, , 718-721.e1.		0
63	Techniques and Machines for Pediatric Renal Replacement Therapy. , 2019, , 1244-1247.e1.		0
64	Acute Kidney Injury: Diagnosis and Classification in Adults and Children. Contributions To Nephrology, 2018, 193, 1-12.	1.1	24
65	Pediatric Acute Kidney Injury. Contributions To Nephrology, 2018, 193, 113-126.	1.1	11
66	Endotoxin Activity in Neonates Undergoing Cardiac Surgery: Cohort Study. World Journal for Pediatric & Congenital Heart Surgery, 2018, 9, 60-67.	0.8	3
67	A renal angina index to overcome the silence of the kidneys. The Lancet Child and Adolescent Health, 2018, 2, 83-84.	5.6	3
68	Technical Complications of Continuous Renal Replacement Therapy. Contributions To Nephrology, 2018, 194, 99-108.	1.1	6
69	From Continuous Renal Replacement Therapies to Multiple Organ Support Therapy. Contributions To Nephrology, 2018, 194, 155-169.	1.1	12
70	The 10 false beliefs in adult critical care nephrology. Intensive Care Medicine, 2018, 44, 1302-1305.	8.2	8
71	Hemofiltration Prescription in Children, or How to Get an Espresso from a Cappuccino. Blood Purification, 2018, 45, 15-17.	1.8	0
72	Use of low-dose dexmedetomidine in combination with opioids and midazolam in pediatric cardiac surgical patients: randomized controlled trial. Minerva Anestesiologica, 2018, 84, 1053-1062.	1.0	16

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73	Patients, families and Intensive Care Unit-staff members: from sedation strategies to global interaction for stress control. <i>Minerva Anestesiologica</i> , 2018, 84, 1120-1122.	1.0	2
74	CRRT for sepsis-induced acute kidney injury. <i>Current Opinion in Critical Care</i> , 2018, 24, 483-492.	3.2	45
75	Light sedation with dexmedetomidine: a practical approach for the intensivist in different ICU patients. <i>Minerva Anestesiologica</i> , 2018, 84, 731-746.	1.0	20
76	Extracorporeal techniques for the treatment of critically ill patients with sepsis beyond conventional blood purification therapy: the promises and the pitfalls. <i>Critical Care</i> , 2018, 22, 262.	5.8	119
77	Post Cardiac Surgery Acute Kidney Injury and Cardioresenal Syndromes. , 2018, , 99-110.		0
78	Perioperative Acute Kidney Injury: Prevention, Early Recognition, and Supportive Measures. <i>Nephron</i> , 2018, 140, 105-110.	1.8	54
79	The 11th pitfall: thiamine deficiency. <i>Intensive Care Medicine</i> , 2018, 44, 1597-1597.	8.2	1
80	Extracorporeal organ support (ECOS) in critical illness and acute kidney injury: from native to artificial organ crosstalk. <i>Intensive Care Medicine</i> , 2018, 44, 1447-1459.	8.2	75
81	Cardiac and Vascular Surgeryâ€”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
82	Sedation in Pediatric Critically Ill Patients. , 2018, , 213-244.		0
83	Cardiac output: a central issue in patients with respiratory extracorporeal support. <i>Perfusion (United Tj ETQq1 1 0,784314 rgBT /Overlo</i>	1.0	8
84	Predicting Fluid Responsiveness in Children Undergoing Cardiac Surgery After Cardiopulmonary Bypass. <i>Pediatric Cardiology</i> , 2017, 38, 787-793.	1.3	16
85	The future of critical care: renal support in 2027. <i>Critical Care</i> , 2017, 21, 92.	5.8	21
86	Therapy of acute kidney injury in the perioperative setting. <i>Current Opinion in Anaesthesiology</i> , 2017, 30, 92-99.	2.0	12
87	Recovery after Acute Kidney Injury: A New Prognostic Dimension of the Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 711-714.	5.6	14
88	Kaolinâ€”activated thromboelastography and standard coagulation assays in cyanotic and acyanotic infants undergoing complex cardiac surgery: a prospective cohort study. <i>Paediatric Anaesthesia</i> , 2017, 27, 170-180.	1.1	20
89	Automatic Dialysis and Continuous Renal Replacement Therapy: Keeping the Primacy of Human Consciousness and Fighting the Dark Side of Technology. <i>Blood Purification</i> , 2017, 44, 271-275.	1.8	4
90	Renal replacement therapy for AKI: When? How much? When to stop?. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2017, 31, 371-385.	4.0	20

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91	Development of the New Kibou® Equipment for Continuous Renal Replacement Therapy from Scratch to the Final Configuration. Contributions To Nephrology, 2017, 190, 58-70.	1.1	3
92	Dose Prescription and Delivery in Neonates With Congenital Heart Diseases Treated With Continuous Veno-Venous Hemofiltration. Pediatric Critical Care Medicine, 2017, 18, 623-629.	0.5	11
93	Acute Kidney Injury After PICU. Pediatric Critical Care Medicine, 2017, 18, 800-801.	0.5	2
94	Quantification and Dosing of Renal Replacement Therapy in Acute Kidney Injury: A Reappraisal. Blood Purification, 2017, 44, 140-155.	1.8	25
95	Assessing postoperative acute kidney injury in high-risk patients undergoing major abdominal surgery: Author's reply. Journal of Critical Care, 2017, 37, 257-258.	2.2	1
96	The Pressure Recording Analytical Method (PRAM): Technical Concepts and Literature Review. Journal of Cardiothoracic and Vascular Anesthesia, 2017, 31, 1460-1470.	1.3	29
97	High Cut-off Membranes in Acute Kidney Injury and Continuous Renal Replacement Therapy. International Journal of Artificial Organs, 2017, 40, 657-664.	1.4	8
98	Exploring the goldmine of pediatric sedation: many nuggets are yet to be found. Minerva Anestesiologica, 2017, 83, 1001-1003.	1.0	0
99	Statins and acute kidney injury following cardiac surgery: has the last word been told?. Journal of Thoracic Disease, 2016, 8, E451-E454.	1.4	3
100	The good receipt for the kidneys: salty but not too much. Journal of Thoracic Disease, 2016, 8, 2403-2409.	1.4	1
101	Renal Replacement Therapy. F1000Research, 2016, 5, 103.	1.6	14
102	Evaluation of Endotoxemia After Pediatric Cardiac Surgery With the Endotoxin Activity Assay. Pediatric Critical Care Medicine, 2016, 17, e76-e80.	0.5	6
103	Fluid Overload After Neonatal Cardiac Surgery Is Bad. Pediatric Critical Care Medicine, 2016, 17, 463-465.	0.5	7
104	Precision Continuous Renal Replacement Therapy and Solute Control. Blood Purification, 2016, 42, 238-247.	1.8	76
105	Lung ultrasound profile after cardiopulmonary bypass in paediatric cardiac surgery: first experience in a simple cohort. Interactive Cardiovascular and Thoracic Surgery, 2016, 24, ivw357.	1.1	12
106	Postoperative acute kidney injury in high-risk patients undergoing major abdominal surgery. Journal of Critical Care, 2016, 35, 120-125.	2.2	34
107	Novel Extracorporeal Therapies for Combined Renal-Pulmonary Dysfunction. Seminars in Nephrology, 2016, 36, 71-77.	1.6	19
108	Cardiac index assessment by the pressure recording analytical method in infants after paediatric cardiac surgery: a pilot retrospective study. Interactive Cardiovascular and Thoracic Surgery, 2016, 23, 919-923.	1.1	18

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109	Increased Intensity of Renal Replacement Therapy to Reduce Mortality in Patients with Acute Kidney Injury. , 2016, , 59-65.		0
110	Nomenclature for renal replacement therapy and blood purification techniques in critically ill patients: practical applications. Critical Care, 2016, 20, 283.	5.8	94
111	Nomenclature for renal replacement therapy in acute kidney injury: basic principles. Critical Care, 2016, 20, 318.	5.8	125
112	Acute Kidney Injury: The Plague of the New Millennium. , 2016, , 3-7.		1
113	Latent AKI is still AKI: the quantification of the burden of renal dysfunction. Critical Care, 2016, 20, 238.	5.8	1
114	Pediatric Acute Kidney Injury. Pediatric Critical Care Medicine, 2016, 17, 808-810.	0.5	1
115	CVVHD treatment with CARPEDIEM: small solute clearance at different blood and dialysate flows with three different surface area filter configurations. Pediatric Nephrology, 2016, 31, 1659-1665.	1.7	35
116	Pediatric Continuous Renal Replacement Therapy. Contributions To Nephrology, 2016, 187, 121-130.	1.1	30
117	Fluid Status Assessment and Management During the Perioperative Phase in Pediatric Cardiac Surgery Patients. Journal of Cardiothoracic and Vascular Anesthesia, 2016, 30, 1085-1093.	1.3	19
118	Clinical Factors Associated with Dose of Loop Diuretics After Pediatric Cardiac Surgery: Post Hoc Analysis. Pediatric Cardiology, 2016, 37, 913-918.	1.3	4
119	Vasoactive Drugs and Hemodynamic Monitoring in Pediatric Cardiac Intensive Care. World Journal for Pediatric & Congenital Heart Surgery, 2016, 7, 25-31.	0.8	18
120	Fluid Status Assessment and Management During the Perioperative Phase in Adult Cardiac Surgery Patients. Journal of Cardiothoracic and Vascular Anesthesia, 2016, 30, 1076-1084.	1.3	18
121	Multidimensional Approach to Adequacy of Renal Replacement Therapy in Acute Kidney Injury. Contributions To Nephrology, 2016, 187, 94-105.	1.1	15
122	Urinary Strong Ion Difference as a Marker of Renal Dysfunction. A Retrospective Analysis. PLoS ONE, 2016, 11, e0156941.	2.5	5
123	When to start a renal replacement therapy in acute kidney injury (AKI) patients: many irons in the fire. Annals of Translational Medicine, 2016, 4, 355-355.	1.7	11
124	Modality and dosing of acute renal replacement therapy. Minerva Urologica E Nefrologica = the Italian Journal of Urology and Nephrology, 2016, 68, 78-86.	3.9	3
125	Dialytic dose in pediatric continuous renal replacement therapy patients. Minerva Pediatrica, 2016, 68, 366-73.	2.7	3
126	Multisite Near Infrared Spectroscopy During Cardiopulmonary Bypass in Pediatric Patients. Artificial Organs, 2015, 39, 584-590.	1.9	14

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127	Renal Replacement Therapy. Critical Care Clinics, 2015, 31, 839-848.	2.6	45
128	Feeding the kidneys in AKI: no appetite for a change in practice. Intensive Care Medicine, 2015, 41, 1333-1335.	8.2	1
129	Diaspirin Cross-Linked Hemoglobin and Blood Substitutes. , 2015, , 83-91.		0
130	Pediatric continuous renal replacement: 20Âyears later. Intensive Care Medicine, 2015, 41, 985-993.	8.2	21
131	Furosemide versus ethacrynic acid in pediatric patients undergoing cardiac surgery: a randomized controlled trial. Critical Care, 2015, 19, 2.	5.8	31
132	Renal replacement therapy in acute kidney injury: controversy and consensus. Critical Care, 2015, 19, 146.	5.8	157
133	(R)evolution in the Management of Acute Kidney Injury in Newborns. American Journal of Kidney Diseases, 2015, 66, 206-211.	1.9	25
134	Extracorporeal Renal Replacement Therapies in the Treatment of Sepsis: Where Are We?. Seminars in Nephrology, 2015, 35, 55-63.	1.6	12
135	Pressure recording analytical method and bioreactance for stroke volume index monitoring during pediatric cardiac surgery. Paediatric Anaesthesia, 2015, 25, 143-149.	1.1	22
136	AKI: Definitions and Clinical Context. , 2015, , 3-13.		0
137	Tight Glycemic Control. , 2015, , 63-71.		0
138	Pediatric CRRT. , 2015, , 255-261.		0
139	Lung protective ventilation in Cardiac Surgery. Heart, Lung and Vessels, 2015, 7, 5-6.	0.4	6
140	Nursing procedures during continuous renal replacement therapies: a national survey. Heart, Lung and Vessels, 2015, 7, 224-30.	0.4	3
141	Prescription of dialysis in pediatric acute kidney injury. Minerva Pediatrica, 2015, 67, 159-67.	2.7	3
142	Accuracy of invasive arterial pressure monitoring in cardiovascular patients: an observational study. Critical Care, 2014, 18, 644.	5.8	127
143	Comparative evaluation of high-flow nasal cannula and conventional oxygen therapy in paediatric cardiac surgical patients: a randomized controlled trial. Interactive Cardiovascular and Thoracic Surgery, 2014, 19, 456-461.	1.1	69
144	High levels of free haemoglobin in neonates and infants undergoing surgery on cardiopulmonary bypass. Interactive Cardiovascular and Thoracic Surgery, 2014, 19, 183-187.	1.1	26

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145	Early Pediatric Renal Replacement Therapy: Is the Baby Wash Actually Killing the Baby?. Annals of Thoracic Surgery, 2014, 97, 1124.	1.3	1
146	Use of Confidex to Control Perioperative Bleeding in Pediatric Heart Surgery: Prospective Cohort Study. Pediatric Cardiology, 2014, 35, 208-214.	1.3	22
147	Year in review 2013: Critical Care- nephrology. Critical Care, 2014, 18, 574.	5.8	3
148	Renal replacement therapy for critically ill patients: an intermittent continuity. Critical Care, 2014, 18, 115.	5.8	8
149	Lung Ultrasonography and Pediatric Cardiac Surgery: First Experience With a New Tool for Postoperative Lung Complications. Annals of Thoracic Surgery, 2014, 97, e121-e124.	1.3	21
150	Comparison between mixed and central venous oxygen saturation in patients with severe acute heart failure after cardiac surgery: A prospective observational study. International Journal of Cardiology, 2014, 175, 566-567.	1.7	4
151	Continuous renal replacement therapy in neonates and small infants: development and first-in-human use of a miniaturised machine (CARPEDIEM). Lancet, The, 2014, 383, 1807-1813.	13.7	178
152	Lung-protective Ventilation during General Anesthesia: What about the Oxygen?. Anesthesiology, 2014, 120, 511-512.	2.5	1
153	Sonographic dynamic assessment of lung injury in a child with hypoplastic left heart syndrome undergoing extracorporeal membrane oxygenation. Pediatric Pulmonology, 2014, 49, E147-50.	2.0	5
154	Ultrasoundâ€“Guided Left Brachiocephalic Vein Cannulation in Children With Underlying Bleeding Disorders. Pediatric Critical Care Medicine, 2014, 15, e44-e48.	0.5	17
155	Fiberoptic monitoring of central venous oxygen saturation (PediaSat) in small children undergoing cardiac surgery: continuous is not continuous. F1000Research, 2014, 3, 23.	1.6	8
156	Pediatric RIFLE for Acute Kidney Injury Diagnosis and Prognosis for Children Undergoing Cardiac Surgery: A Single-Center Prospective Observational Study. Pediatric Cardiology, 2013, 34, 1404-1408.	1.3	44
157	Neonatal RIFLE. Nephrology Dialysis Transplantation, 2013, 28, 2211-2214.	0.7	63
158	FloTrac/VigileoTM (Third Generation) and MostCareÂ®/PRAM Versus Echocardiography for Cardiac Output Estimation in Vascular Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2013, 27, 1114-1121.	1.3	15
159	Impact of Severe Sepsis on Serum and Urinary Biomarkers of Acute Kidney Injury in Critically Ill Children: An Observational Study. Blood Purification, 2013, 35, 172-176.	1.8	47
160	The concept of risk and the value of novel markers of acute kidney injury. Critical Care, 2013, 17, 117.	5.8	25
161	Year in review 2012: Critical Care - nephrology. Critical Care, 2013, 17, 246.	5.8	2
162	Preoperative Use of Steroids in Pediatric Cardiac Surgery: New Directions for Future Research?. Annals of Thoracic Surgery, 2013, 96, 375.	1.3	1

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163	Acute kidney injury in ICU. Trends in Anaesthesia and Critical Care, 2013, 3, 62-67.	0.9	1
164	The Vasoactive-Inotropic Score and Levosimendan: Time for LVIS?. Journal of Cardiothoracic and Vascular Anesthesia, 2013, 27, e15-e16.	1.3	20
165	Left ventricular retraining after arterial switch operation facilitated by mechanical circulatory support. Journal of Heart and Lung Transplantation, 2013, 32, 842-843.	0.6	2
166	Assessment of Modified Ultrafiltration Hemodynamic Impact by Pressure Recording Analytical Method During Pediatric Cardiac Surgery. Pediatric Critical Care Medicine, 2013, 14, 390-395.	0.5	29
167	Neurological Complications During Pulsatile Ventricular Assistance With the Berlin Heart EXCOR in Children: Incidence and Risk Factors. Artificial Organs, 2013, 37, 851-856.	1.9	25
168	Hemodynamic Monitoring Systems in Pediatric Settings. Pediatric Critical Care Medicine, 2013, 14, 115-116.	0.5	1
169	Balloon atrial septostomy and pre-operative brain injury in neonates with transposition of the great arteries: a systematic review and a meta-analysis. Cardiology in the Young, 2012, 22, 1-7.	0.8	29
170	Renal replacement therapy in the critically ill. Current Opinion in Critical Care, 2012, 18, 607-612.	3.2	11
171	Continuous Renal Replacement Therapies. , 2012, , 399-410.		0
172	Neutrophil gelatinase-associated lipocalin levels during extracorporeal membrane oxygenation in critically ill children with congenital heart disease. Pediatric Critical Care Medicine, 2012, 13, e51-e54.	0.5	16
173	Whole blood assessment of neutrophil gelatinase-associated lipocalin versus pediatric RIFLE for acute kidney injury diagnosis and prognosis after pediatric cardiac surgery. Pediatric Critical Care Medicine, 2012, 13, 667-670.	0.5	16
174	Invasive arterial pressure. Pediatric Critical Care Medicine, 2012, 13, 248.	0.5	6
175	Permissive hypofiltration: an alternative view. Critical Care, 2012, 16, 458.	5.8	1
176	RIFLE is alive: long live RIFLE. Critical Care, 2012, 16, 182.	5.8	8
177	Vasopressin and terlipressin in adult vasodilatory shock. Critical Care, 2012, 16, 470.	5.8	2
178	Perirenal hematoma in a 7-months old child four days after a cardiac operation. International Journal of Cardiovascular Imaging, 2012, 28, 1585-1587.	1.5	0
179	New insights in acute kidney failure in the critically ill. Swiss Medical Weekly, 2012, 142, w13662.	1.6	17
180	Management of Acute Renal Dysfunction in Sepsis. Current Infectious Disease Reports, 2012, 14, 462-473.	3.0	4

#	ARTICLE	IF	CITATIONS
181	Perioperative intravascular volume replacement and kidney insufficiency. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2012, 26, 463-474.	4.0	7
182	Levosimendan infusion in newborns after corrective surgery for congenital heart disease: randomized controlled trial. Intensive Care Medicine, 2012, 38, 1198-1204.	8.2	64
183	C.A.R.P.E.D.I.E.M. (Cardio-Renal Pediatric Dialysis Emergency Machine): evolution of continuous renal replacement therapies in infants. A personal journey. Pediatric Nephrology, 2012, 27, 1203-1211.	1.7	65
184	Spinal Cord Injury After Ascending Aorta and Aortic Arch Replacement Combined with Antegrade Stent Grafting: Role of Postoperative Cerebrospinal Fluid Drainage. Journal of Cardiac Surgery, 2012, 27, 224-227.	0.7	7
185	Vasopressin for treatment of vasodilatory shock: an ESICM systematic review and meta-analysis. Intensive Care Medicine, 2012, 38, 9-19.	8.2	88
186	The Development of CRRT for Infants and Children. , 2012, , 739-753.		0
187	High-dose fenoldopam reduces postoperative neutrophil gelatinase-associated lipocaline and cystatin C levels in pediatric cardiac surgery. Critical Care, 2011, 15, R160.	5.8	98
188	The implications and management of septic acute kidney injury. Nature Reviews Nephrology, 2011, 7, 218-225.	9.6	36
189	Classification and staging of acute kidney injury: beyond the RIFLE and AKIN criteria. Nature Reviews Nephrology, 2011, 7, 201-208.	9.6	188
190	Hemodynamic monitoring by pulse contour analysis in critically ill children with congenital heart disease. Pediatric Critical Care Medicine, 2011, 12, 608-609.	0.5	6
191	Technical Advances in Renal Replacement Therapy. Seminars in Dialysis, 2011, 24, 138-141.	1.3	9
192	Incidence of Healthcare-Associated Infections in a Pediatric Population With an Extracorporeal Ventricular Assist Device. Artificial Organs, 2011, 35, 1110-1114.	1.9	25
193	Underdosing continuous venovenous hemofiltration predicts outcome in septic patients with acute kidney injury. Journal of Critical Care, 2011, 26, 221.	2.2	3
194	Is disclosing conflicts of interest like purifying in the Ganges river?. Journal of Critical Care, 2011, 26, 429-430.	2.2	3
195	Fontan Operation, Vasopressin and Septic Shock: A Case Report on the Usual Treatment in a Peculiar Setting. Pediatric Cardiology, 2011, 32, 1273-1274.	1.3	0
196	Timing, dose and mode of dialysis in acute kidney injury. Current Opinion in Critical Care, 2011, 17, 556-561.	3.2	43
197	Kidney diseases beyond nephrology: intensive care. Nephrology Dialysis Transplantation, 2011, 26, 448-454.	0.7	3
198	Renal support. Minerva Anestesiologica, 2011, 77, 1204-15.	1.0	4

#	ARTICLE	IF	CITATIONS
199	Fluid management in critically ill pediatric patients with congenital heart disease. <i>Minerva Pediatrica</i> , 2011, 63, 399-410.	2.7	5
200	Pulmonary/renal interaction. <i>Current Opinion in Critical Care</i> , 2010, 16, 13-18.	3.2	32
201	Neurally adjusted ventilatory assist and lung transplant in a child: A case report. <i>Pediatric Critical Care Medicine</i> , 2010, 11, e48-e51.	0.5	8
202	Steroids and pediatric cardiac surgery: The right drug, at the right time, for the right patient. <i>Pediatric Critical Care Medicine</i> , 2010, 11, 769-770.	0.5	1
203	Initial Experience with Levosimendan Infusion for Preoperative Management of Hypoplastic Left Heart Syndrome. <i>Pediatric Cardiology</i> , 2010, 31, 166-167.	1.3	18
204	Mechanical Assist Device as a Bridge to Heart Transplantation in Children Less Than 10 Kilograms. <i>Annals of Thoracic Surgery</i> , 2010, 90, 58-62.	1.3	45
205	Pneumatic Pulsatile Ventricular Assist Device as a Bridge to Heart Transplantation in Pediatric Patients. <i>Artificial Organs</i> , 2010, 34, 1017-1022.	1.9	15
206	Cerebral NIRS as a marker of superior vena cava oxygen saturation in neonates with congenital heart disease. <i>Paediatric Anaesthesia</i> , 2010, 20, 1040-1045.	1.1	36
207	Renal Replacement Therapy in Adult Critically Ill Patients: When to Begin and When to Stop. <i>Contributions To Nephrology</i> , 2010, 165, 263-273.	1.1	16
208	International Survey on the Management of Acute Kidney Injury in Critically Ill Patients: Year 2007. <i>Blood Purification</i> , 2010, 30, 214-220.	1.8	36
209	Initial Single-Center Experience With Levosimendan Infusion for Perioperative Management of Univentricular Heart With Ductal-Dependent Systemic Circulation. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2010, 1, 292-299.	0.8	7
210	Acute Kidney Injury in the Pediatric Population. <i>Contributions To Nephrology</i> , 2010, 165, 345-356.	1.1	4
211	Intensive care. <i>Nephrology Dialysis Transplantation</i> , 2010, 25, 678-683.	0.7	0
212	Extracorporeal Membrane Oxygenation and High-Dose Continuous Veno-Venous Hemodiafiltration in a Young Child as a Successful Bridge to Heart Transplant for Management of Combined Heart and Kidney Failure: A Case Report. <i>Blood Purification</i> , 2010, 29, 23-26.	1.8	9
213	Acute Kidney Injury: Classification and Staging. <i>Contributions To Nephrology</i> , 2010, 164, 24-32.	1.1	38
214	CRRT in series with extracorporeal membrane oxygenation in pediatric patients. <i>Kidney International</i> , 2010, 77, 469-470.	5.2	18
215	Year in review 2009: Critical Care - nephrology. <i>Critical Care</i> , 2010, 14, 241.	5.8	2
216	Fluid Management in Pediatric Intensive Care. <i>Contributions To Nephrology</i> , 2010, 164, 217-226.	1.1	8

#	ARTICLE	IF	CITATIONS
217	Quantifying the Dose of Acute Kidney Replacement Therapy. , 2010, , 547-557.		0
218	Brain natriuretic peptide is removed by continuous veno-venous hemofiltration in pediatric patients. Interactive Cardiovascular and Thoracic Surgery, 2009, 9, 33-36.	1.1	14
219	Today's Approach to the Critically Ill Patient with Acute Kidney Injury. Blood Purification, 2009, 27, 127-134.	1.8	24
220	Clinical review: RIFLE and AKIN – time for reappraisal. Critical Care, 2009, 13, 211.	5.8	204
221	Year in review 2008: Critical Care - nephrology. Critical Care, 2009, 13, 227.	5.8	4
222	The RIFLE classification for acute kidney injury definition. American Journal of Surgery, 2009, 198, 152-153.	1.8	12
223	Preventing hypophosphatemia during pediatric CRRT. Nature Reviews Nephrology, 2009, 5, 251-252.	9.6	2
224	The Usefulness of Near-Infrared Spectroscopy for Detecting and Monitoring Status Epilepticus After Pediatric Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2009, 23, 668-671.	1.3	4
225	Renal Replacement Techniques: Descriptions, Mechanisms, Choices, and Controversies. , 2009, , 1136-1141.		1
226	Pathogenesis of Acute Kidney Injury During Sepsis. Current Drug Targets, 2009, 10, 1179-1183.	2.1	34
227	The Concept of Renal Replacement Therapy Dose and Efficiency. , 2009, , 1176-1180.		0
228	Renal replacement therapies: physiological review. Intensive Care Medicine, 2008, 34, 2139-2146.	8.2	39
229	The RIFLE criteria and mortality in acute kidney injury: A systematic review. Kidney International, 2008, 73, 538-546.	5.2	661
230	Acute Kidney Injury in an Infant After Cardiopulmonary Bypass. Seminars in Nephrology, 2008, 28, 470-476.	1.6	583
231	Year in review 2007: Critical Care – nephrology. Critical Care, 2008, 12, 230.	5.8	4
232	Circuit lifespan during continuous renal replacement therapy: children and adults are not equal. Critical Care, 2008, 12, 178.	5.8	11
233	Kidney diseases beyond nephrology: intensive care. Nephrology Dialysis Transplantation, 2008, 24, 391-395.	0.7	1
234	Inotropic support and peritoneal dialysis adequacy in neonates after cardiac surgery. Interactive Cardiovascular and Thoracic Surgery, 2008, 7, 116-120.	1.1	25

#	ARTICLE	IF	CITATIONS
235	Fenoldopam in newborn patients undergoing cardiopulmonary bypass: controlled clinical trial. Interactive Cardiovascular and Thoracic Surgery, 2008, 7, 1049-1053.	1.1	53
236	Response to "The RIFLE criteria and renal prognosis in acute kidney injury". Kidney International, 2008, 74, 1492-1493.	5.2	1
237	Dose and efficiency of renal replacement therapy: Continuous renal replacement therapy versus intermittent hemodialysis versus slow extended daily dialysis. Critical Care Medicine, 2008, 36, S229-S237.	0.9	69
238	Kidney diseases beyond nephrology: intensive care. Nephrology Dialysis Transplantation, 2007, 23, 820-826.	0.7	6
239	Kidney diseases beyond nephrology-intensive care. Nephrology Dialysis Transplantation, 2007, 22, 708-711.	0.7	10
240	Results from International Questionnaires. , 2007, 156, 297-303.		7
241	Renal Replacement Therapy in Neonates with Congenital Heart Disease. , 2007, 156, 428-433.		31
242	Usefulness of a Molecular Strategy for the Detection of Bacterial DNA in Patients with Severe Sepsis Undergoing Continuous Renal Replacement Therapy. Blood Purification, 2007, 25, 106-111.	1.8	24
243	Management of Fluid Balance in Continuous Renal Replacement Therapy: Technical Evaluation in the Pediatric Setting. International Journal of Artificial Organs, 2007, 30, 896-901.	1.4	25
244	Information Technology for CRRT and Dose Delivery Calculator. , 2007, 156, 197-202.		6
245	Continuous Hemofiltration dose Calculation in a Newborn Patient with Congenital Heart Disease and Preoperative Renal Failure. International Journal of Artificial Organs, 2007, 30, 258-261.	1.4	14
246	Bilateral cerebral near infrared spectroscopy monitoring during surgery for neonatal coarctation of the aorta. Paediatric Anaesthesia, 2007, 17, 906-907.	1.1	3
247	Solute removal during continuous renal replacement therapy in critically ill patients: convection versus diffusion. Critical Care, 2006, 10, R67.	5.8	117
248	Year in review 2005: critical care-nephrology. Critical Care, 2006, 10, 226.	5.8	0
249	Current worldwide practice of dialysis dose prescription in acute renal failure. Current Opinion in Critical Care, 2006, 12, 551-556.	3.2	15
250	Pulse High-Volume Hemofiltration in Critically Ill Patients: A New Approach for Patients with Septic Shock. Seminars in Dialysis, 2006, 19, 69-74.	1.3	32
251	Flow distribution analysis by helical scanning in polysulfone hemodialyzers: Effects of fiber structure and design on flow patterns and solute clearances. Hemodialysis International, 2006, 10, 380-388.	0.9	21
252	Practice patterns in the management of acute renal failure in the critically ill patient: an international survey. Nephrology Dialysis Transplantation, 2006, 21, 690-696.	0.7	237

#	ARTICLE	IF	CITATIONS
253	A New Semiempirical Mathematical Model for Prediction of Internal Filtration in Hollow Fiber Hemodialyzers. Blood Purification, 2006, 24, 555-568.	1.8	50
254	Dose of Dialysis in Acute Renal Failure. Clinical Journal of the American Society of Nephrology: CJASN, 2006, 1, 380-388.	4.5	33
255	'Renal-dose' fenoldopam for early-stage renal dysfunction in critically ill patients. Nature Clinical Practice Nephrology, 2006, 2, 548-549.	2.0	2
256	Prophylactic fenoldopam for renal protection in sepsis: A randomized, double-blind, placebo-controlled pilot trial*. Critical Care Medicine, 2005, 33, 2451-2456.	0.9	116
257	Pre- versus Post-Dilution CVVH. Blood Purification, 2005, 23, 338-338.	1.8	10
258	A new machine for continuous renal replacement therapy: from development to clinical testing. Expert Review of Medical Devices, 2005, 2, 47-55.	2.8	17
259	Renal Replacement II: Dialysis Dose. Critical Care Clinics, 2005, 21, 357-366.	2.6	13
260	In vivo validation of the adequacy calculator for continuous renal replacement therapies. Critical Care, 2005, 9, R266.	5.8	29
261	Pulse high-volume haemofiltration for treatment of severe sepsis: effects on hemodynamics and survival. Critical Care, 2005, 9, R294.	5.8	131
262	Year in review: Critical Care 2004 - nephrology. Critical Care, 2005, 9, 523.	5.8	9
263	High Volume Hemofiltration in Critically Ill Patients: Why, When and How?. , 2004, 144, 362-375.		22
264	Extracorporeal Therapies in Non-Renal Disease: Treatment of Sepsis and the Peak Concentration Hypothesis. Blood Purification, 2004, 22, 164-174.	1.8	103
265	Coupled Plasma Filtration Adsorption: Rationale, Technical Development and Early Clinical Experience. , 2004, 144, 376-386.		6
266	Continuous Renal Replacement Technology: From Adaptive Technology and Early Dedicated Machines towards Flexible Multipurpose Machine Platforms. Blood Purification, 2004, 22, 269-276.	1.8	29
267	Coupled Plasma Filtration Adsorption: Rationale, Technical Development and Early Clinical Experience. Blood Purification, 2003, 21, 409-416.	1.8	75
268	A pilot study of coupled plasma filtration with adsorption in septic shock*. Critical Care Medicine, 2002, 30, 1250-1255.	0.9	267
269	Importance of increased ultrafiltration volume and impact on mortality: sepsis and cytokine story and the role of continuous veno-venous haemofiltration. Current Opinion in Nephrology and Hypertension, 2001, 10, 755-761.	2.0	41
270	Extracorporeal Ultrafiltration for the Treatment of Overhydration and Congestive Heart Failure. Cardiology, 2001, 96, 155-168.	1.4	88

#	ARTICLE	IF	CITATIONS
271	A Novel Approach to the Treatment of Chronic Fluid Overload with a New Plasma Separation Device. Cardiology, 2001, 96, 202-208.	1.4	17