Nicholas M. Selby

List of Publications by Year
in descending order

131	6,280	87888 38	71685 76
papers	citations	h-index	g-index

136	136	136	5561
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global epidemiology and outcomes of acute kidney injury. Nature Reviews Nephrology, 2018, 14, 607-625.	9.6	698
2	Hemodialysis-Induced Cardiac Injury. Clinical Journal of the American Society of Nephrology: CJASN, 2009, 4, 914-920.	4.5	554
3	Hemodialysis-Induced Cardiac Dysfunction Is Associated with an Acute Reduction in Global and Segmental Myocardial Blood Flow. Clinical Journal of the American Society of Nephrology: CJASN, 2008, 3, 19-26.	4.5	376
4	Hemodialysis-Induced Repetitive Myocardial Injury Results in Global and Segmental Reduction in Systolic Cardiac Function. Clinical Journal of the American Society of Nephrology: CJASN, 2009, 4, 1925-1931.	4.5	327
5	An updated overview of diabetic nephropathy: Diagnosis, prognosis, treatment goals and latest guidelines. Diabetes, Obesity and Metabolism, 2020, 22, 3-15.	4.4	278
6	Use of Electronic Results Reporting to Diagnose and Monitor AKI in Hospitalized Patients. Clinical Journal of the American Society of Nephrology: CJASN, 2012, 7, 533-540.	4.5	219
7	A Meta-analysis of Hemodialysis Catheter Locking Solutions in the Prevention of Catheter-Related Infection. American Journal of Kidney Diseases, 2008, 51, 233-241.	1.9	169
8	A systematic review of the clinical effects of reducing dialysate fluid temperature. Nephrology Dialysis Transplantation, 2006, 21, 1883-1898.	0.7	150
9	Dialysis-Induced Regional Left Ventricular Dysfunction Is Ameliorated by Cooling the Dialysate. Clinical Journal of the American Society of Nephrology: CJASN, 2006, 1, 1216-1225.	4.5	146
10	Patients receiving maintenance dialysis have more severe functionally significant skeletal muscle wasting than patients with dialysis-independent chronic kidney disease. Nephrology Dialysis Transplantation, 2006, 21, 2210-2216.	0.7	140
11	The Acute Cardiac Effects of Dialysis. Seminars in Dialysis, 2007, 20, 220-228.	1.3	136
12	Occurrence of Regional Left Ventricular Dysfunction in Patients Undergoing Standard and Biofeedback Dialysis. American Journal of Kidney Diseases, 2006, 47, 830-841.	1.9	126
13	Technological Distractions (Part 2): A Summary of Approaches to Manage Clinical Alarms With Intent to Reduce Alarm Fatigue. Critical Care Medicine, 2018, 46, 130-137.	0.9	125
14	An Organizational-Level Program of Intervention for AKI: A Pragmatic Stepped Wedge Cluster Randomized Trial. Journal of the American Society of Nephrology: JASN, 2019, 30, 505-515.	6.1	123
15	Intradialytic Cardiac Magnetic Resonance Imaging to Assess Cardiovascular Responses in a Short-Term Trial of Hemodiafiltration and Hemodialysis. Journal of the American Society of Nephrology: JASN, 2017, 28, 1269-1277.	6.1	117
16	Diffusion-weighted magnetic resonance imaging to assess diffuse renal pathology: a systematic review and statement paper. Nephrology Dialysis Transplantation, 2018, 33, ii29-ii40.	0.7	111
17	Impact of Compliance with a Care Bundle on Acute Kidney Injury Outcomes: A Prospective Observational Study. PLoS ONE, 2015, 10, e0132279.	2.5	108
18	Acute kidney injury associated with COVID-19: A retrospective cohort study. PLoS Medicine, 2020, 17, e1003406.	8.4	99

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19	Multiparametric Renal Magnetic Resonance Imaging: Validation, Interventions, and Alterations in Chronic Kidney Disease. Frontiers in Physiology, 2017, 8, 696.	2.8	96
20	Magnetic resonance imaging biomarkers for chronic kidney disease: a position paper from the European Cooperation in Science and Technology Action PARENCHIMA. Nephrology Dialysis Transplantation, 2018, 33, ii4-ii14.	0.7	91
21	A simple care bundle for use in acute kidney injury: a propensity score-matched cohort study. Nephrology Dialysis Transplantation, 2016, 31, 1846-1854.	0.7	90
22	Technologic Distractions (Part 1): Summary of Approaches to Manage Alert Quantity With Intent to Reduce Alert Fatigue and Suggestions for Alert Fatigue Metrics. Critical Care Medicine, 2017, 45, 1481-1488.	0.9	89
23	Defining the Cause of Death in Hospitalised Patients with Acute Kidney Injury. PLoS ONE, 2012, 7, e48580.	2.5	83
24	Peritoneal Dialysis is not Associated with Myocardial Stunning. Peritoneal Dialysis International, 2011, 31, 27-33.	2.3	78
25	Gentamicin-associated acute kidney injury. QJM - Monthly Journal of the Association of Physicians, 2009, 102, 873-880.	0.5	71
26	Categorization of the hemodynamic response to hemodialysis: The importance of baroreflex sensitivity. Hemodialysis International, 2010, 14, 18-28.	0.9	68
27	Three-year outcomes after acute kidney injury: results of a prospective parallel group cohort study. BMJ Open, 2017, 7, e015316.	1.9	68
28	Association between e-alert implementation for detection of acute kidney injury and outcomes: a systematic review. Nephrology Dialysis Transplantation, 2017, 32, gfw424.	0.7	65
29	Standardizing the Early Identification of Acute Kidney Injury: The NHS England National Patient Safety Alert. Nephron, 2015, 131, 113-117.	1.8	64
30	Cool dialysate reduces asymptomatic intradialytic hypotension and increases baroreflex variability. Hemodialysis International, 2009, 13, 189-196.	0.9	55
31	Quantitative assessment of renal structural and functional changes in chronic kidney disease using multi-parametric magnetic resonance imaging. Nephrology Dialysis Transplantation, 2020, 35, 955-964.	0.7	54
32	Long-Term Outcomes in Patients with Acute Kidney Injury. Clinical Journal of the American Society of Nephrology: CJASN, 2020, 15, 423-429.	4.5	52
33	Acid suppression in peptic ulcer haemorrhage: a â€˜meta-analysisâ€™. Alimentary Pharmacology and Therapeutics, 2000, 14, 1119-1126.	3.7	47
34	Covid-19 and acute kidney injury in hospital: summary of NICE guidelines. BMJ, The, 2020, 369, m1963.	6.0	46
35	The haemodynamic and metabolic effects of hypertonic-glucose and amino-acid-based peritoneal dialysis fluids. Nephrology Dialysis Transplantation, 2007, 22, 870-879.	0.7	44
36	Sodium and water handling during hemodialysis: new pathophysiologic insights and management approaches for improving outcomes in end-stage kidney disease. Kidney International, 2019, 95, 296-309.	5.2	44

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37	Hypertonic glucose-based peritoneal dialysate is associated with higher blood pressure and adverse haemodynamics as compared with icodextrin. Nephrology Dialysis Transplantation, 2005, 20, 1848-1853.	0.7	43
38	Dialysis-Induced Cardiovascular and Multiorgan Morbidity. Kidney International Reports, 2020, 5, 1856-1869.	0.8	42
39	Effects of Acetate-Free Double-Chamber Hemodiafiltration and Standard Dialysis on Systemic Hemodynamics and Troponin T Levels. ASAIO Journal, 2006, 52, 62-69.	1.6	41
40	Electronic alerts for acute kidney injury. Current Opinion in Nephrology and Hypertension, 2013, 22, 637-642.	2.0	39
41	Acute kidney injury is independently associated with death in patients with cirrhosis. Frontline Gastroenterology, 2013, 4, 191-197.	1.8	38
42	Acute Kidney Injury in Urology Patients: Incidence, Causes and Outcomes. Nephro-Urology Monthly, 2013, 5, 955-961.	0.1	35
43	Automated Peritoneal Dialysis Has Significant Effects on Systemic Hemodynamics. Peritoneal Dialysis International, 2006, 26, 328-335.	2.3	34
44	Functional magnetic resonance imaging of the kidneys: where do we stand? The perspective of the European COST Action PARENCHIMA. Nephrology Dialysis Transplantation, 2018, 33, ii1-ii3.	0.7	32
45	An educational approach to improve outcomes in acute kidney injury (AKI): report of a quality improvement project. BMJ Open, 2014, 4, e004388.	1.9	29
46	The Role of Risk Prediction Models in Prevention and Management of AKI. Seminars in Nephrology, 2019, 39, 421-430.	1.6	29
47	Obstructive nephropathy and kidney injury associated with ketamine abuse. CKJ: Clinical Kidney Journal, 2008, 1, 310-312.	2.9	28
48	Imaging the kidney using magnetic resonance techniques. Current Opinion in Nephrology and Hypertension, 2016, 25, 487-493.	2.0	27
49	Establishing a Continuum of Acute Kidney Injury â€“ Tracing AKI Using Data Source Linkage and Long-Term Follow-Up: Workgroup Statements from the 15th ADQI Consensus Conference. Canadian Journal of Kidney Health and Disease, 2016, 3, 102.	1.1	27
50	Myocardial stunning occurs during intermittent haemodialysis for acute kidney injury. Intensive Care Medicine, 2017, 43, 942-944.	8.2	27
51	Phase-contrast magnetic resonance imaging to assess renal perfusion: a systematic review and statement paper. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2020, 33, 3-21.	2.0	26
52	Comparison of Progressive Conductivity Reduction with Diacontrol and Standard Dialysis. ASAIO Journal, 2007, 53, 194-200.	1.6	23
53	Central Venous Oxygen Saturation: A Potential New Marker for Circulatory Stress in Haemodialysis Patients?. Nephron Clinical Practice, 2014, 128, 57-60.	2.3	23
54	Care Bundles for Acute Kidney Injury: Do They Work?. Nephron, 2016, 134, 195-199.	1.8	23

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55	International Criteria for Acute Kidney Injury: Advantages and Remaining Challenges. PLoS Medicine, 2016, 13, e1002122.	8.4	23
56	Treatment of severe theophylline poisoning with the molecular adsorbent recirculating system (MARS). Nephrology Dialysis Transplantation, 2007, 22, 969-970.	0.7	22
57	The Reimbursement and Cost of Acute Kidney Injury: A UK Hospital Perspective. Nephron Clinical Practice, 2014, 126, 51-56.	2.3	20
58	Long-term outcomes after AKIâ€"a major unmet clinical need. Kidney International, 2019, 95, 21-23.	5.2	20
59	The Effects of Acute Kidney Injury on Long-Term Renal Function and Proteinuria in a General Hospitalised Population. Nephron Clinical Practice, 2014, 128, 192-200.	2.3	19
60	Hemoglobin Variability with Epoetin Beta and Continuous Erythropoietin Receptor Activator in Patients on Peritoneal Dialysis. Peritoneal Dialysis International, 2012, 32, 177-182.	2.3	18
61	Peritoneal dialysis has optimal intradialytic hemodynamics and preserves residual renal function: Why isn't it better than hemodialysis?. Seminars in Dialysis, 2019, 32, 3-8.	1.3	18
62	The Association of Nutritional Factors and Skin Autofluorescence in Persons Receiving Hemodialysis. , 2019, 29, 149-155.		17
63	Effects of peritoneal dialysis fluid biocompatibility on baroreflex sensitivity. Kidney International, 2008, 73, S119-S124.	5.2	16
64	New imaging techniques in AKI. Current Opinion in Critical Care, 2020, 26, 543-548.	3.2	16
65	Developing an AKI Consensus Definition for Database Research: Findings From a Scoping Review and Expert Opinion Using a Delphi Process. American Journal of Kidney Diseases, 2022, 79, 488-496.e1.	1.9	15
66	Biomarkers During Recovery From AKI and Prediction of Long-term Reductions in Estimated GFR. American Journal of Kidney Diseases, 2022, 79, 646-656.e1.	1.9	15
67	Automated peritoneal dialysis has significant effects on systemic hemodynamics. Peritoneal Dialysis International, 2006, 26, 328-35.	2.3	15
68	Design and Rationale of â€˜Tackling Acute Kidney Injury', a Multicentre Quality Improvement Study. Nephron, 2016, 134, 200-204.	1.8	14
69	Impact of e-alert for detection of acute kidney injury on processes of care and outcomes: protocol for a systematic review and meta-analysis. BMJ Open, 2016, 6, e011152.	1.9	13
70	The Vicious Cycle of Dialysis-induced Cardiac Injuryâ€"Are Dynamic Changes in Diastolic Function Involved?. American Journal of Kidney Diseases, 2013, 62, 442-444.	1.9	12
71	Long Term Outcomes after Acute Kidney Injury: Lessons from the ARID Study. Nephron, 2015, 131, 102-106.	1.8	12
72	Peritoneal Ultrafiltration for Heart Failure: Lessons from a Randomized Controlled Trial. Peritoneal Dialysis International, 2019, 39, 486-489.	2.3	12

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73	Gut microbial metabolites as mediators of renal disease: do short-chain fatty acids offer some hope?. Future Science OA, 2019, 5, FSO384.	1.9	12
74	Utility of electronic AKI alerts in intensive care: A national multicentre cohort study. Journal of Critical Care, 2018, 44, 185-190.	2.2	11
75	A Feasibility Study of Non-Invasive Continuous Estimation of Brachial Pressure Derived From Arterial and Venous Lines During Dialysis. IEEE Journal of Translational Engineering in Health and Medicine, 2021, 9, 1-9.	3.7	10
76	Recent developments in electronic alerts for acute kidney injury. Current Opinion in Critical Care, 2015, 21, 1.	3.2	9
77	Obesity and recovery from acute kidney injury (Ob AKI): a prospective cohort feasibility study. BMJ Open, 2019, 9, e024033.	1.9	9
78	Risk prediction for acute kidney injury in acute medical admissions in the UK. QJM - Monthly Journal of the Association of Physicians, 2019, 112, 197-205.	0.5	9
79	Techniques to improve intradialytic haemodynamic stability. Current Opinion in Nephrology and Hypertension, 2018, 27, 413-419.	2.0	8
80	Skin autofluorescence and malnutrition as predictors of mortality in persons receiving dialysis: a prospective cohort study. Journal of Human Nutrition and Dietetics, 2020, 33, 852-861.	2.5	8
81	Factors Associated With Change in Skin Autofluorescence, a Measure of Advanced Glycation End Products, in Persons Receiving Dialysis. Kidney International Reports, 2020, 5, 654-662.	0.8	8
82	Randomized Controlled Trial Evidence of Cost-Effectiveness of a Multifaceted AKI Intervention Approach. Kidney International Reports, 2021, 6, 636-644.	0.8	8
83	Opinion: How Should Dialysis Fluid Be Individualized for the Chronic Hemodialysis Patient?. Seminars in Dialysis, 2008, 21, 229-231.	1.3	7
84	Improving clinical prediction rules in acute kidney injury with the use of biomarkers of cell cycle arrest: a pilot study. Biomarkers, 2019, 24, 23-28.	1.9	7
85	Application of dynamic contrast enhanced ultrasound in the assessment of kidney diseases. Current Opinion in Nephrology and Hypertension, 2021, 30, 138-143.	2.0	7
86	Barriers and enablers to the implementation of a complex quality improvement intervention for acute kidney injury: A qualitative evaluation of stakeholder perceptions of the Tackling AKI study. PLoS ONE, 2019, 14, e0222444.	2.5	6
87	A Systematic Review of the Acute Effects of Hemodialysis on Skeletal Muscle Perfusion, Metabolism, and Function. Kidney International Reports, 2020, 5, 307-317.	0.8	6
88	Impact of Dietetic Intervention on Skin Autofluorescence and Nutritional Status in Persons Receiving Dialysis: A Proof of Principle Study. , 2020, 30, 540-547.		6
89	Acute kidney injury changes with the seasons. Nephrology Dialysis Transplantation, 2018, 33, 1281-1283.	0.7	5
90	A Comment on the Diagnosis and Definition of Acute Kidney Injury. Nephron, 2019, 141, 203-206.	1.8	5

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91	Application of the Lomb-Scargle Periodogram to InvestigateHeart Rate Variability during Haemodialysis. Journal of Healthcare Engineering, 2020, 2020, 1-18.	1.9	5
92	Hidden risks associated with conventional short intermittent hemodialysis: A call for action to mitigate cardiovascular risk and morbidity. World Journal of Nephrology, 2022, 11, 39-57.	2.0	5
93	The Janus faces of bicarbonate therapy in the ICU: not sure!. Intensive Care Medicine, 2020, 46, 522-524.	8.2	4
94	EDTAKI: a Nephrology and Public Policy Committee platform call for more European involvement in acute kidney injury. Nephrology Dialysis Transplantation, 2021, , .	0.7	4
95	Impact of malnutrition on health-related quality of life in persons receiving dialysis: a prospective study. British Journal of Nutrition, 2022, 127, 1647-1655.	2.3	4
96	An Analysis of Frequency of Continuous Blood Pressure Variation and Haemodynamic Responses during Haemodialysis. Blood Purification, 2022, 51, 435-449.	1.8	4
97	Circulating Levels of Endotrophin Are Prognostic for Long-Term Mortality after AKI. Kidney360, 2022, 3, 809-817.	2.1	4
98	How is the Heart Best Protected in Chronic Dialysis Patients?. Seminars in Dialysis, 2014, 27, 332-335.	1.3	3
99	Renal Arcuate Vein Microthrombi-Associated AKI. Clinical Journal of the American Society of Nephrology: CJASN, 2015, 10, 180-186.	4.5	3
100	Making the Right Decision: Do Clinical Decision Support Systems for AKI Improve Patient Outcomes?. Journal of the American Society of Nephrology: JASN, 2018, 29, 352-354.	6.1	3
101	Body mass index and chronic kidney disease outcomes after acute kidney injury: a prospective matched cohort study. BMC Nephrology, 2021, 22, 200.	1.8	3
102	OUP accepted manuscript. CKJ: Clinical Kidney Journal, 2021, 14, 1969-1976.	2.9	3
103	The changing nature of COVID-19 associated AKI: Where are we now?. Nephrology Dialysis Transplantation, 2021, , .	0.7	3
104	Update in the Pharmacological Management of Peptic Ulcer Haemorrhage. Scandinavian Journal of Gastroenterology, 2001, 36, 337-342.	1.5	2
105	A rare cause of massive upper gastrointestinal bleeding in a dialysis patient: synchronous Dieulafoy lesions. CKJ: Clinical Kidney Journal, 2010, 3, 594-595.	2.9	2
106	An unusual case of severe high anion gap metabolic acidosis. CKJ: Clinical Kidney Journal, 2011, 4, 90-92.	2.9	2
107	Predicting and Managing Complications of Renal Replacement Therapy in the Critically Ill. Blood Purification, 2012, 34, 171-176.	1.8	2
108	Magnetic Resonance Imaging to Diagnose and Predict the Outcome of Diabetic Kidney Diseaseâ€"Where Do We Stand?. Kidney and Dialysis, 2022, 2, 407-418.	1.0	2

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109	Chronic kidney disease after acute kidney injury: identifying risk factors. Journal of Renal Nursing, 2015, 7, 124-129.	0.1	1
110	Skin and soft tissue infections and acute kidney injury: a systematic review. British Journal of Dermatology, 2016, 175, 182-184.	1.5	1
111	Be on alert for pediatric AKI. Kidney International, 2017, 92, 286-288.	5.2	1
112	Evaluating a process of academic detailing in primary care: an educational programme for acute kidney injury. BMC Medical Education, 2019, 19, 253.	2.4	1
113	SP541MEASURING PRESSURE WAVES IN DIALYSIS LINES TO DERIVE CONTINUOUS ARTERIAL BLOOD PRESSURE: PILOT WORK IN AN IN VITRO AND IN SILICO MODEL. Nephrology Dialysis Transplantation, 2019, 34, .	0.7	1
114	FP630DEVELOPMENT OF AN IN VITRO SIMULATION MODEL TO INVESTIGATE HAEMODYNAMIC RESPONSES DURING HAEMODIALYSIS. Nephrology Dialysis Transplantation, 2019, 34, .	0.7	1
115	P1078IMPACT OF A MEDIUM CUT-OFF DIALYZER ON SKIN AUTOFLUORESCENCE IN HAEMODIALYSIS PATIENTS. Nephrology Dialysis Transplantation, 2020, 35, .	0.7	1
116	Contrastâ€enhanced ultrasound assessed renal microvascular perfusion may predict postoperative renal complications following colorectal surgery. Clinical and Experimental Pharmacology and Physiology, 2021, 48, 971-977.	1.9	1
117	Repeatability of Contrast-Enhanced Ultrasound to Determine Renal Cortical Perfusion. Diagnostics, 2022, 12, 1293.	2.6	1
118	Room for improvement: diagnosing and managing acute coronary syndromes in persons with reduced eGFR. Kidney International, 2022, 102, 20-22.	5.2	1
119	Automatic detection of acute kidney injury: a national approach. Journal of Renal Nursing, 2015, 7, 266-268.	0.1	0
120	SP495IMPACT OF FGF-23 ON THE EVOLUTION OF LEFT VENTRICULAR HYPERTROPHY IN INCIDENT DIALYSIS PATIENTS: A PROSPECTIVE STUDY. Nephrology Dialysis Transplantation, 2016, 31, i258-i258.	0.7	0
121	SP560ASSESSMENT OF VISUAL ACUITY CHANGES IN RESPONSE TO HAEMODIALYSIS. Nephrology Dialysis Transplantation, 2016, 31, i279-i279.	0.7	0
122	FP638FREQUENCY ANALYSIS REVEALS UNIQUE HAEMODYNAMIC RESPONSES TO HAEMODIALYSIS: BASELINE RESULTS FROM THE ITREND STUDY. Nephrology Dialysis Transplantation, 2019, 34, .	0.7	0
123	Danger in the jungle: sensible care to reduce avoidable acute kidney injury in hospitalized children. Kidney International, 2020, 97, 458-460.	5.2	0
124	Planning Patient Care after Acute Kidney Injury: Not as Easy as It May Seem. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 999-1001.	4.5	0
125	Elektronische Alarmsysteme fÃ¼r Akute NierenschÃdigung â€“ Erfahrungen aus United Kingdom (UK). , 2015, , 27-42.		0
126	Acute kidney injury associated with COVID-19: A retrospective cohort study. , 2020, 17, e1003406.		0

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127	Acute kidney injury associated with COVID-19: A retrospective cohort study. , 2020, 17, e1003406.		0
128	Acute kidney injury associated with COVID-19: A retrospective cohort study. , 2020, 17, e1003406.		0
129	Acute kidney injury associated with COVID-19: A retrospective cohort study. , 2020, 17, e1003406.		0
130	Acute kidney injury associated with COVID-19: A retrospective cohort study. , 2020, 17, e1003406.		0
131	Simple, high-throughput measurement of gut-derived short-chain fatty acids in clinically relevant biofluids using gas chromatography-mass spectrometry. Journal of Mass Spectrometry and Advances in the Clinical Lab, 2022, , .	2.4	0