

Jennifer M Macrae

List of Publications by Year in descending order

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106
papers

3,708
citations

172457

29
h-index

144013

57
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108
all docs

108
docs citations

108
times ranked

3471
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Policy Barriers and Enablers to Exercise and Physical Activity in Kidney Care. , 2022, 32, 441-449.		21
2	Addressing feasibility challenges to delivering intradialytic exercise interventions: a theory-informed qualitative study. Nephrology Dialysis Transplantation, 2022, 37, 558-574.	0.7	6
3	Anti-Allergic hormone and vascular dysfunction in women with chronic kidney disease. Physiological Reports, 2022, 10, e15154.	1.7	3
4	Sex influences the effect of adiposity on arterial stiffness and renin-angiotensin aldosterone system activity in young adults. Endocrinology, Diabetes and Metabolism, 2022, 5, e00317.	2.4	3
5	The effect of non-oral hormonal contraceptives on hypertension and blood pressure: A systematic review and meta-analysis. Physiological Reports, 2022, 10, e15267.	1.7	8
6	Sex differences in the vascular access of hemodialysis patients: a cohort study. CKJ: Clinical Kidney Journal, 2021, 14, 1412-1418.	2.9	6
7	An International Delphi Survey on Exercise Priorities in CKD. Kidney International Reports, 2021, 6, 657-668.	0.8	4
8	In-center nocturnal hemodialysis improves health-related quality of life for patients with end-stage renal disease. Journal of Nephrology, 2021, , 1.	2.0	5
9	Reasons for Nonparticipation in a Sustained Hemodialysis Intradialytic Exercise Program. , 2021, 31, 421-426.		7
10	SARS-CoV-2 Shedding in Dialysis Patients With COVID-19. Kidney International Reports, 2021, 6, 2897-2899.	0.8	3
11	Understanding Home Hemodialysis Patient Attrition: A Cohort Study. Canadian Journal of Kidney Health and Disease, 2021, 8, 205435812110221.	1.1	3
12	Canadian Association of Paediatric Nephrologists COVID-19 Rapid Response: Home and In-Center Dialysis Guidance. Canadian Journal of Kidney Health and Disease, 2021, 8, 205435812110534.	1.1	0
13	Derivation and Internal Validation of a Clinical Risk Prediction Tool for Hyperkalemia-Related Emergency Department Encounters Among Hemodialysis Patients. Canadian Journal of Kidney Health and Disease, 2020, 7, 205435812095328.	1.1	5
14	Should Buttonhole Cannulation of Arteriovenous Fistulas Be Used? CON. Kidney360, 2020, 1, 322-325.	2.1	7
15	Four steps to standardize reporting of peritoneal dialysis technique failure: A proposed approach. Peritoneal Dialysis International, 2020, , 089686082097693.	2.3	3
16	CSN COVID-19 Rapid Review Program: Management of Acute Kidney Injury. Canadian Journal of Kidney Health and Disease, 2020, 7, 205435812094167.	1.1	5
17	Management of Outpatient Hemodialysis During the COVID-19 Pandemic: Recommendations From the Canadian Society of Nephrology COVID-19 Rapid Response Team. Canadian Journal of Kidney Health and Disease, 2020, 7, 205435812093856.	1.1	16
18	Canadian Society of Nephrology COVID-19 Rapid Response Team Home Dialysis Recommendations. Canadian Journal of Kidney Health and Disease, 2020, 7, 205435812092815.	1.1	10

#	ARTICLE	IF	CITATIONS
19	Return on investment of the diabetes foot care clinical pathway implementation in Alberta, Canada. <i>Diabetes Research and Clinical Practice</i> , 2020, 165, 108241.	2.8	2
20	Outcomes of the First and Second Hemodialysis Fistula: A Cohort Study. <i>American Journal of Kidney Diseases</i> , 2019, 73, 62-71.	1.9	15
21	Can economic incentives increase the use of home dialysis?. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 731-741.	0.7	29
22	An Exploratory Study of Person-Centered Care in a Large Urban Hemodialysis Program in Canada Using a Qualitative Case-Study Methodology. <i>Canadian Journal of Kidney Health and Disease</i> , 2019, 6, 205435811987153.	1.1	8
23	Anticoagulation in CKD and ESRD. <i>Journal of Nephrology</i> , 2019, 32, 719-731.	2.0	15
24	Buttonhole versus Stepladder Cannulation for Home Hemodialysis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 403-410.	4.5	10
25	The role of exercise in improving patient-reported outcomes in individuals on dialysis: A scoping review. <i>Seminars in Dialysis</i> , 2019, 32, 336-350.	1.3	21
26	The Influence of Age on the Likelihood of Catheter-Free Fistula Use in Hemodialysis Patients. <i>Canadian Journal of Kidney Health and Disease</i> , 2019, 6, 205435811986194.	1.1	6
27	Physical activity for people with chronic kidney disease: an international survey of nephrologist practice patterns and research priorities. <i>BMJ Open</i> , 2019, 9, e032322.	1.9	26
28	Cultivating Innovative Pragmatic Cluster-Randomized Registry Trials Embedded in Hemodialysis Care: Workshop Proceedings From 2018. <i>Canadian Journal of Kidney Health and Disease</i> , 2019, 6, 205435811989439.	1.1	7
29	Technique Failure in a Multicenter Canadian Home Hemodialysis Cohort. <i>American Journal of Kidney Diseases</i> , 2019, 73, 230-239.	1.9	13
30	Effectiveness and Cost of Weekly Recombinant Tissue Plasminogen Activator Hemodialysis Catheter Locking Solution. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2018, 13, 429-435.	4.5	11
31	Extracellular fluid management and hypertension in urban dwelling versus rural dwelling hemodialysis patients. <i>Journal of Nephrology</i> , 2018, 31, 103-110.	2.0	1
32	Impact of intradialytic exercise intensity on urea clearance in hemodialysis patients. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 101-104.	1.9	21
33	Central venous catheters for chronic hemodialysis: Is "elast choice" never the "right choice"?. <i>Seminars in Dialysis</i> , 2018, 31, 3-10.	1.3	9
34	CPAP Therapy Delays Cardiovascular Reactivation and Decreases Arterial Renin-Angiotensin System Activity in Humans With Obstructive Sleep Apnea. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 1509-1520.	2.6	11
35	Vascular Access Practice Patterns in Canada: A National Survey. <i>Canadian Journal of Kidney Health and Disease</i> , 2018, 5, 205435811875967.	1.1	9
36	A comparison of temporal artery thermometers with internal blood monitors to measure body temperature during hemodialysis. <i>BMC Nephrology</i> , 2018, 19, 137.	1.8	2

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37	Emergency Department Use among Patients with CKD: A Population-Based Analysis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2017, 12, 304-314.	4.5	47
38	Examining the Association between Hemodialysis Access Type and Mortality: The Role of Access Complications. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2017, 12, 955-964.	4.5	95
39	Randomized Crossover Trial of Blood Volume Monitoringâ€“Guided Ultrafiltration Biofeedback to Reduce Intradialytic Hypotensive Episodes with Hemodialysis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2017, 12, 1831-1840.	4.5	47
40	Multi-Disciplinary Vascular Access Care and Access Outcomes in People Starting Hemodialysis Therapy. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2017, 12, 1991-1999.	4.5	16
41	A Clinical Risk Prediction Tool for 6-Month Mortality After Dialysis Initiation Among Older Adults. <i>American Journal of Kidney Diseases</i> , 2017, 69, 568-575.	1.9	51
42	Sex differences in associations between insulin resistance, heart rate variability, and arterial stiffness in healthy women and men: a physiology study. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017, 95, 349-355.	1.4	13
43	The Effect of Predialysis Fistula Attempt on Risk of All-Cause and Access-Related Death. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 613-620.	6.1	73
44	The VITAH Trialâ€“Vitamin D Supplementation and Cardiac Autonomic Tone in Patients with End-Stage Kidney Disease on Hemodialysis: A Blinded, Randomized Controlled Trial. <i>Nutrients</i> , 2016, 8, 608.	4.1	7
45	Pre-emptive correction for haemodialysis arteriovenous access stenosis. <i>The Cochrane Library</i> , 2016, , CD010709.	2.8	12
46	Citrate vs. acetate dialysate on intradialytic heparin dose: A double blind randomized crossover study. <i>Hemodialysis International</i> , 2016, 20, 537-547.	0.9	6
47	Arteriovenous Access Failure, Stenosis, and Thrombosis. <i>Canadian Journal of Kidney Health and Disease</i> , 2016, 3, 205435811666912.	1.1	65
48	Arteriovenous Vascular Access Selection and Evaluation. <i>Canadian Journal of Kidney Health and Disease</i> , 2016, 3, 205435811666912.	1.1	21
49	Practical Aspects of Nontunneled and Tunneled Hemodialysis Catheters. <i>Canadian Journal of Kidney Health and Disease</i> , 2016, 3, 205435811666912.	1.1	34
50	Hemodialysis Tunneled Catheter Noninfectious Complications. <i>Canadian Journal of Kidney Health and Disease</i> , 2016, 3, 205435811666913.	1.1	39
51	Arteriovenous Access. <i>Canadian Journal of Kidney Health and Disease</i> , 2016, 3, 205435811666912.	1.1	23
52	Hemodialysis Tunneled Catheter-Related Infections. <i>Canadian Journal of Kidney Health and Disease</i> , 2016, 3, 205435811666912.	1.1	58
53	Vascular Access Core Curriculum. <i>Canadian Journal of Kidney Health and Disease</i> , 2016, 3, 205435811667392.	1.1	0
54	Impact of using two dialyzers in parallel on phosphate clearance in hemodialysis patients: a randomized trial. <i>Nephrology Dialysis Transplantation</i> , 2016, 32, gfw085.	0.7	3

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55	Preemptive Correction of Arteriovenous Access Stenosis: A Systematic Review and Meta-analysis of Randomized Controlled Trials. <i>American Journal of Kidney Diseases</i> , 2016, 67, 446-460.	1.9	56
56	Role of Vascular Function in Predicting Arteriovenous Fistula Outcomes: An Observational Pilot Study. <i>Canadian Journal of Kidney Health and Disease</i> , 2015, 2, 55.	1.1	11
57	IgA nephropathy with early kidney disease is associated with increased arterial stiffness and renin-angiotensin system activity. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015, 16, 521-528.	1.7	8
58	The association between intradialytic exercise and hospital usage among hemodialysis patients. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 371-378.	1.9	17
59	The care and keeping of vascular access for home hemodialysis patients. <i>Hemodialysis International</i> , 2015, 19, S80-92.	0.9	15
60	The effect of citrate dialysate on intradialytic heparin dose in haemodialysis patients: study design of a randomised controlled trial. <i>BMC Nephrology</i> , 2015, 16, 147.	1.8	6
61	Serum uric acid level, blood pressure, and vascular angiotensin II responsiveness in healthy men and women. <i>Physiological Reports</i> , 2014, 2, e12235.	1.7	14
62	25-Hydroxyvitamin D status, arterial stiffness and the renin-angiotensin system in healthy humans. <i>Clinical and Experimental Hypertension</i> , 2014, 36, 386-391.	1.3	8
63	Sex influences the effect of body mass index on the vascular response to angiotensin II in humans. <i>Obesity</i> , 2014, 22, 739-746.	3.0	7
64	Ultrafiltration biofeedback guided by blood volume monitoring to reduce intradialytic hypotensive episodes in hemodialysis: study protocol for a randomized controlled trial. <i>Trials</i> , 2014, 15, 483.	1.6	9
65	Risk Factors Associated with Hemodialysis Central Venous Catheter Malfunction; A Retrospective Analysis of a Randomized Controlled Trial. <i>Canadian Journal of Kidney Health and Disease</i> , 2014, 1, 15.	1.1	10
66	Buttonhole Cannulation Technique as the Cannulation Method of Choice. <i>American Journal of Kidney Diseases</i> , 2014, 63, 165.	1.9	4
67	Progress in Dialysis Practice: An Introduction. <i>Seminars in Dialysis</i> , 2014, 27, 85-86.	1.3	1
68	Arteriovenous Fistula Survival and Needling Technique: Long-term Results From a Randomized Buttonhole Trial. <i>American Journal of Kidney Diseases</i> , 2014, 63, 636-642.	1.9	69
69	The VITAH Trial Vitamin D supplementation and cardiac autonomic tone in hemodialysis: a blinded, randomized controlled trial. <i>BMC Nephrology</i> , 2014, 15, 129.	1.8	11
70	Programmatic Variation in Home Hemodialysis in Canada: Results from a Nationwide Survey of Practice Patterns. <i>Canadian Journal of Kidney Health and Disease</i> , 2014, 1, 11.	1.1	19
71	In Reply to "Buttonhole Cannulation: The Jury is Still Out". <i>American Journal of Kidney Diseases</i> , 2014, 64, 658.	1.9	1
72	Conservative Management of an Iatrogenic Arteriovenous Fistula. <i>Nephron Extra</i> , 2014, 4, 155-158.	1.1	3

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73	Temporal Risk Profile for Infectious and Noninfectious Complications of Hemodialysis Access. Journal of the American Society of Nephrology: JASN, 2013, 24, 1668-1677.	6.1	91
74	Dialysate Calcium Concentration and Mineral Metabolism in Long and Long-Frequent Hemodialysis: A Systematic Review and Meta-analysis for a Canadian Society of Nephrology Clinical Practice Guideline. American Journal of Kidney Diseases, 2013, 62, 97-111.	1.9	18
75	Associations between Hemodialysis Access Type and Clinical Outcomes. Journal of the American Society of Nephrology: JASN, 2013, 24, 465-473.	6.1	560
76	Hemodialysis prescription education decreases intradialytic hypotension. Journal of Nephrology, 2013, 26, 315-322.	2.0	8
77	Vascular Access for Intensive Maintenance Hemodialysis: A Systematic Review for a Canadian Society of Nephrology Clinical Practice Guideline. American Journal of Kidney Diseases, 2013, 62, 112-131.	1.9	29
78	Canadian Society of Nephrology Guidelines for the Management of Patients With ESRD Treated With Intensive Hemodialysis. American Journal of Kidney Diseases, 2013, 62, 187-198.	1.9	62
79	The buttonhole technique for fistula cannulation. Current Opinion in Nephrology and Hypertension, 2013, 22, 629-636.	2.0	32
80	Pneumatic compression devices during hemodialysis: a randomized crossover trial. Nephrology Dialysis Transplantation, 2013, 28, 982-990.	0.7	10
81	Increased urinary protein excretion in the "normal" range is associated with increased renin-angiotensin system activity. American Journal of Physiology - Renal Physiology, 2012, 302, F526-F532.	2.7	12
82	A Randomized Trial Comparing Buttonhole with Rope Ladder Needling in Conventional Hemodialysis Patients. Clinical Journal of the American Society of Nephrology: CJASN, 2012, 7, 1632-1638.	4.5	121
83	Report of the Canadian Society of Nephrology Vascular Access Working Group. Seminars in Dialysis, 2012, 25, 22-25.	1.3	28
84	Morphometric and Biological Characterization of Biofilm in Tunneled Hemodialysis Catheters. American Journal of Kidney Diseases, 2011, 57, 449-455.	1.9	31
85	Evaluation of an electronic warfarin nomogram for anticoagulation of hemodialysis patients. BMC Nephrology, 2011, 12, 46.	1.8	13
86	Use of Electron-Beam Sterilized Hemodialysis Membranes and Risk of Thrombocytopenia. JAMA - Journal of the American Medical Association, 2011, 306, 1679.	7.4	55
87	Suboptimal initiation of dialysis with and without early referral to a nephrologist. Nephrology Dialysis Transplantation, 2011, 26, 2959-2965.	0.7	136
88	A simple method to create buttonhole cannulation tracks in a busy hemodialysis unit. Hemodialysis International, 2010, 14, 94-95.	0.9	14
89	Modeling Survival of Arteriovenous Accesses for Hemodialysis. Clinical Journal of the American Society of Nephrology: CJASN, 2010, 5, 1243-1248.	4.5	11
90	Utilization and Outcome of "Out-of-Center Hemodialysis"™ in the United States: A Contemporary Analysis. Nephron Clinical Practice, 2010, 116, c53-c59.	2.3	12

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91	Hemoglobin Variability in Nondialysis Chronic Kidney Disease. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2009, 4, 1176-1182.	4.5	44
92	Overview of the Alberta Kidney Disease Network. <i>BMC Nephrology</i> , 2009, 10, 30.	1.8	221
93	Citrate 4% versus Heparin and the Reduction of Thrombosis Study (CHARTS). <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2008, 3, 369-374.	4.5	83
94	Oral estrogen therapy in postmenopausal women is associated with loss of kidney function. <i>Kidney International</i> , 2008, 74, 370-376.	5.2	68
95	Comorbidities Do not Influence Primary Fistula Success in Incident Hemodialysis Patients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2008, 3, 78-84.	4.5	33
96	Meta-analysis: Antibiotics for Prophylaxis against Hemodialysis Catheter-Related Infections. <i>Annals of Internal Medicine</i> , 2008, 148, 596.	3.9	132
97	A Dedicated Vascular access Program can Improve Arteriovenous Fistula Rates without Increasing Catheters. <i>Journal of Vascular Access</i> , 2008, 9, 254-259.	0.9	25
98	Extravascular Lung Water and Peripheral Volume Status in Hemodialysis Patients With and Without a History of Heart Failure. <i>ASAIO Journal</i> , 2006, 52, 423-429.	1.6	10
99	Vascular access and cardiac disease: is there a relationship?. <i>Current Opinion in Nephrology and Hypertension</i> , 2006, 15, 577-582.	2.0	20
100	Editorials: The Cardiovascular Effects of Arteriovenous Fistulas in Chronic Kidney Disease: A Cause for Concern?. <i>Seminars in Dialysis</i> , 2006, 19, 349-352.	1.3	83
101	Surveillance cultures of tunneled cuffed catheter exit sites in chronic hemodialysis patients are of no benefit. <i>Hemodialysis International</i> , 2006, 10, 365-370.	0.9	20
102	Determining Lung Water Volume in Stable Hemodialysis Patients. <i>ASAIO Journal</i> , 2006, 52, 430-437.	1.6	10
103	Urea Clearance in Dysfunctional Catheters Is Improved by Reversing the Line Position Despite Increased Access Recirculation. <i>American Journal of Kidney Diseases</i> , 2005, 45, 883-890.	1.9	29
104	Central Vein Stenosis: A Common Problem in Patients on Hemodialysis. <i>ASAIO Journal</i> , 2005, 51, 77-81.	1.6	216
105	Arteriovenous fistula-associated high-output cardiac failure: a review of mechanisms. <i>American Journal of Kidney Diseases</i> , 2004, 43, e21.1-e21.6.	1.9	202
106	Wave-intensity analysis: a new approach to left ventricular filling dynamics. <i>Heart and Vessels</i> , 1997, 12, 53-59.	1.2	56