

Sofia Ahmed

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

2,904
citations

201575

27
h-index

189801

50
g-index

104
all docs

104
docs citations

104
times ranked

3388
citing authors

#	ARTICLE	IF	CITATIONS
1	The Canadian Women's Heart Health Alliance Atlas on the Epidemiology, Diagnosis, and Management of Cardiovascular Disease in Women – Chapter 4: Sex- and Gender-Unique Disparities: CVD Across the Lifespan of a Woman. <i>CJC Open</i> , 2022, 4, 115-132.	0.7	25
2	Risk of chronic kidney disease in patients with obstructive sleep apnea. <i>Sleep</i> , 2022, 45, .	0.6	13
3	Female Reproductive and Gynecologic Considerations in Chronic Kidney Disease: Adolescence and Young Adulthood. <i>Kidney International Reports</i> , 2022, 7, 152-164.	0.4	11
4	Anti-Müllerian hormone and vascular dysfunction in women with chronic kidney disease. <i>Physiological Reports</i> , 2022, 10, e15154.	0.7	3
5	Female sex-specific and -predominant cardiovascular risk factors and heart failure practice guidelines. <i>American Heart Journal</i> , 2022, 247, 63-67.	1.2	6
6	Gender expression is associated with selection of uterine preservation or hysterectomy for pelvic organ prolapse surgery: Novel methodology for sex- and gender-based analysis in gynecologic research. <i>International Journal of Gynecology and Obstetrics</i> , 2022, , .	1.0	0
7	Public perceptions during the first wave of the COVID-19 pandemic in Canada: a demographic analysis of self-reported beliefs, behaviors, and information acquisition. <i>BMC Public Health</i> , 2022, 22, 699.	1.2	2
8	Sex influences the effect of adiposity on arterial stiffness and renin-angiotensin aldosterone system activity in young adults. <i>Endocrinology, Diabetes and Metabolism</i> , 2022, 5, e00317.	1.0	3
9	Association of insomnia and short sleep duration, alone or with comorbid obstructive sleep apnea, and the risk of chronic kidney disease. <i>Sleep</i> , 2022, 45, .	0.6	6
10	The effect of non-oral hormonal contraceptives on hypertension and blood pressure: A systematic review and meta-analysis. <i>Physiological Reports</i> , 2022, 10, e15267.	0.7	8
11	Heart rate variability as a function of menopausal status, menstrual cycle phase, and estradiol level. <i>Physiological Reports</i> , 2022, 10, .	0.7	6
12	Equity, diversity and inclusion are foundational research skills. <i>Nature Human Behaviour</i> , 2022, 6, 910-912.	6.2	11
13	Sex differences in the vascular access of hemodialysis patients: a cohort study. <i>CKJ: Clinical Kidney Journal</i> , 2021, 14, 1412-1418.	1.4	6
14	Gender and CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021, 16, 141-143.	2.2	8
15	Effect of CPAP Therapy on Kidney Function in Patients With Chronic Kidney Disease. <i>Chest</i> , 2021, 159, 2008-2019.	0.4	16
16	Infertility and the Risk of Cardiovascular Disease: Findings From the Study of Women's Health Across the Nation (SWAN). <i>CJC Open</i> , 2021, 3, 400-408.	0.7	15
17	Providing Care for Transgender Persons With Kidney Disease: A Narrative Review. <i>Canadian Journal of Kidney Health and Disease</i> , 2021, 8, 205435812098537.	0.6	27
18	Response to "Assessment of Renal Function in Transgender Patients With Kidney Disease". <i>Canadian Journal of Kidney Health and Disease</i> , 2021, 8, 205435812110201.	0.6	1

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19	Recruitment of patients with chronic kidney disease and obstructive sleep apnoea for a clinical trial. <i>Journal of Sleep Research</i> , 2021, 30, e13384.	1.7	0
20	Do Sex and Gender Matter in Kidney and Cardiovascular Disease?. <i>American Journal of Kidney Diseases</i> , 2021, 78, 177-179.	2.1	7
21	Sex differences in heart failure and precision medicine: right patient, right time or wrong dose?. <i>Heart</i> , 2021, 107, 1692-1693.	1.2	2
22	Impact of restricted visitation policies in hospitals on patients, family members and healthcare providers during the COVID-19 pandemic: a scoping review protocol. <i>BMJ Open</i> , 2021, 11, e048227.	0.8	6
23	Restricted visitation policies in acute care settings during the COVID-19 pandemic: a scoping review. <i>Critical Care</i> , 2021, 25, 347.	2.5	45
24	Nocturnal hypoxemia severity influences the effect of CPAP therapy on renal renin-angiotensin-aldosterone system activity in humans with obstructive sleep apnea. <i>Sleep</i> , 2021, 44, .	0.6	13
25	Healthcare workers' perception of gender and work roles during the COVID-19 pandemic: a mixed-methods study. <i>BMJ Open</i> , 2021, 11, e056434.	0.8	11
26	Sex differences in renal hemodynamics and renin-angiotensin system activity post-CPAP therapy in humans with obstructive sleep apnea. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, F25-F34.	1.3	10
27	Improving gender equity in critical care medicine: a protocol to establish priorities and strategies for implementation. <i>BMJ Open</i> , 2020, 10, e037090.	0.8	6
28	Sex, gender and COVID-19: a call to action. <i>Canadian Journal of Public Health</i> , 2020, 111, 980-983.	1.1	45
29	Global evidence of gender inequity in academic health research: a living scoping review protocol. <i>JBMEvidence Synthesis</i> , 2020, 18, 2181-2193.	0.6	9
30	Estradiol and mortality in women with end-stage kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 1965-1972.	0.4	8
31	Hypertension Canada's 2020 Comprehensive Guidelines for the Prevention, Diagnosis, Risk Assessment, and Treatment of Hypertension in Adults and Children. <i>Canadian Journal of Cardiology</i> , 2020, 36, 596-624.	0.8	324
32	Urine biomarkers of renal renin-angiotensin system activity: Exploratory analysis in humans with and without obstructive sleep apnea. <i>Physiological Reports</i> , 2020, 8, e14376.	0.7	6
33	Understanding vasovagal syncope: a role for sex and gender. <i>Clinical Autonomic Research</i> , 2020, 30, 369-370.	1.4	2
34	Age-period-cohort effects in pre-existing and pregnancy-associated diseases amongst primiparous women. <i>Biology of Sex Differences</i> , 2020, 11, 19.	1.8	4
35	A national cross-sectional survey of public perceptions of the COVID-19 pandemic: Self-reported beliefs, knowledge, and behaviors. <i>PLoS ONE</i> , 2020, 15, e0241259.	1.1	69
36	Sex and gender considerations in health research: a trainee and allied research personnel perspective. <i>Humanities and Social Sciences Communications</i> , 2020, 7, .	1.3	1

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37	Why Do Patients With Well-Controlled Vascular Risk Factors Develop Progressive Chronic Kidney Disease?. Canadian Journal of Cardiology, 2019, 35, 1170-1180.	0.8	7
38	Effect of CPAP therapy on kidney function in patients with obstructive sleep apnoea and chronic kidney disease: a protocol for a randomised controlled clinical trial. BMJ Open, 2019, 9, e024632.	0.8	10
39	Toward Gender Equity in Critical Care Medicine: A Qualitative Study of Perceived Drivers, Implications, and Strategies*. Critical Care Medicine, 2019, 47, e286-e291.	0.4	32
40	Postmenopausal hormone therapy and the kidney: a new target for an old treatment?. Menopause, 2018, 25, 591-593.	0.8	0
41	CPAP Therapy Delays Cardiovagal Reactivation and Decreases Arterial Renin-Angiotensin System Activity in Humans With Obstructive Sleep Apnea. Journal of Clinical Sleep Medicine, 2018, 14, 1509-1520.	1.4	11
42	Determining the research priorities for patients with chronic kidney disease not on dialysis. Nephrology Dialysis Transplantation, 2017, 32, gfw065.	0.4	62
43	Letter by Ahmed et al Regarding Article, "Low-Dose Aspirin for Primary Prevention of Cardiovascular Events in Patients With Type 2 Diabetes Mellitus: 10-Year Follow-Up of a Randomized Controlled Trial". Circulation, 2017, 135, e1008-e1009.	1.6	1
44	Fertility, Contraception, and Novel Reproductive Technologies in Chronic Kidney Disease. Seminars in Nephrology, 2017, 37, 327-336.	0.6	19
45	Menopause and Chronic Kidney Disease. Seminars in Nephrology, 2017, 37, 404-411.	0.6	21
46	Can Treatment of Obstructive Sleep Apnea with Continuous Positive Airway Pressure Still Improve Kidney Outcomes?. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1370-1371.	2.5	4
47	Sex Hormone Status in Women With Chronic Kidney Disease: Survey of Nephrologists' and Renal Allied Health Care Providers' Perceptions. Canadian Journal of Kidney Health and Disease, 2017, 4, 205435811773453.	0.6	20
48	Sex differences in associations between insulin resistance, heart rate variability, and arterial stiffness in healthy women and men: a physiology study. Canadian Journal of Physiology and Pharmacology, 2017, 95, 349-355.	0.7	13
49	Cyclooxygenase-2 Inhibition Limits Angiotensin II-Induced DNA Oxidation and Protein Nitration in Humans. Frontiers in Physiology, 2017, 8, 138.	1.3	9
50	The effect and safety of postmenopausal hormone therapy and selective estrogen receptor modulators on kidney outcomes in women: a protocol for systematic review and meta-analysis. Systematic Reviews, 2017, 6, 134.	2.5	7
51	The VITAH Trial "Vitamin D Supplementation and Cardiac Autonomic Tone in Patients with End-Stage Kidney Disease on Hemodialysis: A Blinded, Randomized Controlled Trial. Nutrients, 2016, 8, 608.	1.7	7
52	NLRP3 Localizes to the Tubular Epithelium in Human Kidney and Correlates With Outcome in IgA Nephropathy. Scientific Reports, 2016, 6, 24667.	1.6	55
53	A randomized controlled trial comparing in-person and wiki-inspired nominal group techniques for engaging stakeholders in chronic kidney disease research prioritization. BMC Medical Informatics and Decision Making, 2016, 16, 113.	1.5	10
54	Incidence of sudden cardiac death in adults with end-stage renal disease: a systematic review and meta-analysis. BMC Nephrology, 2016, 17, 78.	0.8	24

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55	Sex hormones in women with kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, 1787-1795.	0.4	76
56	Hormone therapy and clinical and surrogate cardiovascular endpoints in women with chronic kidney disease: a systematic review and meta-analysis. <i>Menopause</i> , 2016, 23, 1028-1037.	0.8	9
57	The effect of hormone therapy on all-cause and cardiovascular mortality in women with chronic kidney disease: protocol for a systematic review and meta-analysis. <i>Systematic Reviews</i> , 2015, 4, 44.	2.5	4
58	SP307VITAMIN D SUPPLEMENTATION IS ASSOCIATED WITH IMPROVED MODULATION OF CARDIAC AUTONOMIC TONE IN IGA NEPHROPATHY. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, iii480-iii481.	0.4	0
59	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.	0.6	11
60	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.	1.0	8
61	Transdermal contraception and the renin-angiotensin-aldosterone system in premenopausal women. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F535-F540.	1.3	21
62	Effect of oral vitamin D analogs on mortality and cardiovascular outcomes among adults with chronic kidney disease: a meta-analysis. <i>CKJ: Clinical Kidney Journal</i> , 2015, 8, 41-48.	1.4	50
63	Vitamin D Supplementation Is Associated With Stabilization of Cardiac Autonomic Tone in IgA Nephropathy. <i>Hypertension</i> , 2015, 66, e4-6.	1.3	8
64	Nocturnal Hypoxemia Severity and Renin-Angiotensin System Activity in Obstructive Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 873-880.	2.5	59
65	Human intermittent hypoxia-induced respiratory plasticity is not caused by inflammation. <i>European Respiratory Journal</i> , 2015, 46, 1072-1083.	3.1	16
66	Testosterone is associated with the cardiovascular autonomic response to a stressor in healthy men. <i>Clinical and Experimental Hypertension</i> , 2015, 37, 184-191.	0.5	10
67	Patients with Chronic Kidney Disease and Their Intent to Use Electronic Personal Health Records. <i>Canadian Journal of Kidney Health and Disease</i> , 2015, 2, 58.	0.6	16
68	Vitamin D, the autonomic nervous system, and cardiovascular risk. <i>Physiological Reports</i> , 2015, 3, e12349.	0.7	13
69	Kidney Function, Albuminuria and Life Expectancy. <i>Canadian Journal of Kidney Health and Disease</i> , 2014, 1, 33.	0.6	13
70	Serum uric acid level, blood pressure, and vascular angiotensin II responsiveness in healthy men and women. <i>Physiological Reports</i> , 2014, 2, e12235.	0.7	14
71	25-Hydroxyvitamin D status, arterial stiffness and the renin-angiotensin system in healthy humans. <i>Clinical and Experimental Hypertension</i> , 2014, 36, 386-391.	0.5	8
72	Evaluation of Continuous Positive Airway Pressure Therapy on Renin-Angiotensin System Activity in Obstructive Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 572-580.	2.5	98

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73	Sex influences the effect of body mass index on the vascular response to angiotensin II in humans. <i>Obesity</i> , 2014, 22, 739-746.	1.5	7
74	Association between First Nations ethnicity and progression to kidney failure by presence and severity of albuminuria. <i>Cmaj</i> , 2014, 186, E86-E94.	0.9	45
75	Likelihood of coronary angiography among First Nations patients with acute myocardial infarction. <i>Cmaj</i> , 2014, 186, E372-E380.	0.9	21
76	Vitamin D supplementation is associated with improved modulation of cardiac autonomic tone in healthy humans. <i>International Journal of Cardiology</i> , 2014, 172, 506-508.	0.8	30
77	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.	2.1	69
78	The VITAH Trial Vitamin D supplementation and cardiac autonomic tone in hemodialysis: a blinded, randomized controlled trial. <i>BMC Nephrology</i> , 2014, 15, 129.	0.8	11
79	Sleep Apnea and the Kidney. <i>Chest</i> , 2014, 146, 1114-1122.	0.4	64
80	Even Mild Kidney Dysfunction Is an Important Cardiovascular Risk Predictor: Implications and Challenges. <i>Canadian Journal of Cardiology</i> , 2013, 29, 1371-1373.	0.8	1
81	Vitamin D Levels Are Associated with Cardiac Autonomic Activity in Healthy Humans. <i>Nutrients</i> , 2013, 5, 2114-2127.	1.7	46
82	Diagnostic Value of Screening Instruments for Identifying Obstructive Sleep Apnea in Kidney Failure. <i>Journal of Clinical Sleep Medicine</i> , 2013, 09, 31-38.	1.4	48
83	Increased urinary protein excretion in the "normal" range is associated with increased renin-angiotensin system activity. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, F526-F532.	1.3	12
84	Decreased Renal Function and the Prevalence of Obstructive Sleep Apnea: Response. <i>Chest</i> , 2012, 142, 1076-1077.	0.4	0
85	Impact of gender on the cardiac autonomic response to angiotensin II in healthy humans. <i>Journal of Applied Physiology</i> , 2012, 112, 1001-1007.	1.2	18
86	Declining Kidney Function Increases the Prevalence of Sleep Apnea and Nocturnal Hypoxia. <i>Chest</i> , 2012, 141, 1422-1430.	0.4	165
87	Clinical Presentation of Obstructive Sleep Apnea in Patients with Chronic Kidney Disease. <i>Journal of Clinical Sleep Medicine</i> , 2012, 08, 381-387.	1.4	42
88	Nocturnal Hypoxia and Loss of Kidney Function. <i>PLoS ONE</i> , 2011, 6, e19029.	1.1	105
89	Intermittent Hypoxia Increases Arterial Blood Pressure in Humans Through a Renin-Angiotensin System-Dependent Mechanism. <i>Hypertension</i> , 2010, 56, 369-377.	1.3	144
90	A Comparison of Prediction Equations for Estimating Glomerular Filtration Rate in Pregnancy. <i>Hypertension in Pregnancy</i> , 2009, 28, 243-255.	0.5	36

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91	Oral contraceptive progestins and angiotensin-dependent control of the renal circulation in humans. <i>Journal of Human Hypertension</i> , 2009, 23, 407-414.	1.0	12
92	Overview of the Alberta Kidney Disease Network. <i>BMC Nephrology</i> , 2009, 10, 30.	0.8	221
93	Oral estrogen therapy in postmenopausal women is associated with loss of kidney function. <i>Kidney International</i> , 2008, 74, 370-376.	2.6	68
94	Cardiac transplantation and cyclosporine nephrotoxicity. <i>Kidney International</i> , 2007, 72, 1029-1033.	2.6	3
95	Gender and the Renal Nitric Oxide Synthase System in Healthy Humans. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2007, 2, 926-931.	2.2	28
96	A 39-year-old pregnant woman with polyuria and hypomagnesemia. <i>Kidney International</i> , 2006, 69, 938-941.	2.6	2
97	Body Mass Index and Angiotensin-Dependent Control of the Renal Circulation in Healthy Humans. <i>Hypertension</i> , 2005, 46, 1316-1320.	1.3	81
98	Oral Contraceptives, Angiotensin-Dependent Renal Vasoconstriction, and Risk of Diabetic Nephropathy. <i>Diabetes Care</i> , 2005, 28, 1988-1994.	4.3	80
99	Effects of Oral Contraceptive Use on the Renal and Systemic Vascular Response to Angiotensin II Infusion. <i>Journal of the American Society of Nephrology: JASN</i> , 2004, 15, 780-786.	3.0	44
100	Gender bias in cardiovascular advertisements. <i>Journal of Evaluation in Clinical Practice</i> , 2004, 10, 531-538.	0.9	11
101	Portrayal of female physicians in cardiovascular advertisements. <i>Canadian Journal of Cardiology</i> , 2004, 20, 1351-4.	0.8	2
102	Diversity of physicians in leadership and academic positions in Alberta: a cross-sectional survey. <i>BMJ Leader</i> , 0, , leader-2021-000554.	0.8	4