

Sofia Ahmed

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8617370/publications.pdf>

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	Hypertension Canada's 2020 Comprehensive Guidelines for the Prevention, Diagnosis, Risk Assessment, and Treatment of Hypertension in Adults and Children. Canadian Journal of Cardiology, 2020, 36, 596-624.	0.8	324
2	Overview of the Alberta Kidney Disease Network. BMC Nephrology, 2009, 10, 30.	0.8	221
3	Declining Kidney Function Increases the Prevalence of Sleep Apnea and Nocturnal Hypoxia. Chest, 2012, 141, 1422-1430.	0.4	165
4	Intermittent Hypoxia Increases Arterial Blood Pressure in Humans Through a Renin-Angiotensin System-Dependent Mechanism. Hypertension, 2010, 56, 369-377.	1.3	144
5	Nocturnal Hypoxia and Loss of Kidney Function. PLoS ONE, 2011, 6, e19029.	1.1	105
6	Evaluation of Continuous Positive Airway Pressure Therapy on Renin-Angiotensin System Activity in Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 572-580.	2.5	98
7	Body Mass Index and Angiotensin-Dependent Control of the Renal Circulation in Healthy Humans. Hypertension, 2005, 46, 1316-1320.	1.3	81
8	Oral Contraceptives, Angiotensin-Dependent Renal Vasoconstriction, and Risk of Diabetic Nephropathy. Diabetes Care, 2005, 28, 1988-1994.	4.3	80
9	Sex hormones in women with kidney disease. Nephrology Dialysis Transplantation, 2016, 31, 1787-1795.	0.4	76
10	Arteriovenous Fistula Survival and Needling Technique: Long-term Results From a Randomized Buttonhole Trial. American Journal of Kidney Diseases, 2014, 63, 636-642.	2.1	69
11	A national cross-sectional survey of public perceptions of the COVID-19 pandemic: Self-reported beliefs, knowledge, and behaviors. PLoS ONE, 2020, 15, e0241259.	1.1	69
12	Oral estrogen therapy in postmenopausal women is associated with loss of kidney function. Kidney International, 2008, 74, 370-376.	2.6	68
13	Sleep Apnea and the Kidney. Chest, 2014, 146, 1114-1122.	0.4	64
14	Determining the research priorities for patients with chronic kidney disease not on dialysis. Nephrology Dialysis Transplantation, 2017, 32, gfw065.	0.4	62
15	Nocturnal Hypoxemia Severity and Renin-Angiotensin System Activity in Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 873-880.	2.5	59
16	NLRP3 Localizes to the Tubular Epithelium in Human Kidney and Correlates With Outcome in IgA Nephropathy. Scientific Reports, 2016, 6, 24667.	1.6	55
17	Effect of oral vitamin D analogs on mortality and cardiovascular outcomes among adults with chronic kidney disease: a meta-analysis. CKJ: Clinical Kidney Journal, 2015, 8, 41-48.	1.4	50
18	Diagnostic Value of Screening Instruments for Identifying Obstructive Sleep Apnea in Kidney Failure. Journal of Clinical Sleep Medicine, 2013, 09, 31-38.	1.4	48

#	ARTICLE	IF	CITATIONS
19	Vitamin D Levels Are Associated with Cardiac Autonomic Activity in Healthy Humans. <i>Nutrients</i> , 2013, 5, 2114-2127.	1.7	46
20	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
21	Sex, gender and COVID-19: a call to action. <i>Canadian Journal of Public Health</i> , 2020, 111, 980-983.	1.1	45
22	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
23	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
24	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
25	A Comparison of Prediction Equations for Estimating Glomerular Filtration Rate in Pregnancy. <i>Hypertension in Pregnancy</i> , 2009, 28, 243-255.	0.5	36
26	Toward Gender Equity in Critical Care Medicine: A Qualitative Study of Perceived Drivers, Implications, and Strategies*. <i>Critical Care Medicine</i> , 2019, 47, e286-e291.	0.4	32
27	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
28	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
29	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
30	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
31	Incidence of sudden cardiac death in adults with end-stage renal disease: a systematic review and meta-analysis. <i>BMC Nephrology</i> , 2016, 17, 78.	0.8	24
32	Likelihood of coronary angiography among First Nations patients with acute myocardial infarction. <i>Cmaj</i> , 2014, 186, E372-E380.	0.9	21
33	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
34	Menopause and Chronic Kidney Disease. <i>Seminars in Nephrology</i> , 2017, 37, 404-411.	0.6	21
35	Sex Hormone Status in Women With Chronic Kidney Disease: Survey of Nephrologists' and Renal Allied Health Care Providers' Perceptions. <i>Canadian Journal of Kidney Health and Disease</i> , 2017, 4, 205435811773453.	0.6	20
36	Fertility, Contraception, and Novel Reproductive Technologies in Chronic Kidney Disease. <i>Seminars in Nephrology</i> , 2017, 37, 327-336.	0.6	19

#	ARTICLE	IF	CITATIONS
37	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
38	Human intermittent hypoxia-induced respiratory plasticity is not caused by inflammation. <i>European Respiratory Journal</i> , 2015, 46, 1072-1083.	3.1	16
39	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
40	Effect of CPAP Therapy on Kidney Function in Patients With Chronic Kidney Disease. <i>Chest</i> , 2021, 159, 2008-2019.	0.4	16
41	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
42	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
43	Kidney Function, Albuminuria and Life Expectancy. <i>Canadian Journal of Kidney Health and Disease</i> , 2014, 1, 33.	0.6	13
44	Vitamin D, the autonomic nervous system, and cardiovascular risk. <i>Physiological Reports</i> , 2015, 3, e12349.	0.7	13
45	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.	0.7	13
46	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
47	Risk of chronic kidney disease in patients with obstructive sleep apnea. <i>Sleep</i> , 2022, 45, .	0.6	13
48	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
49	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
50	Gender bias in cardiovascular advertisements. <i>Journal of Evaluation in Clinical Practice</i> , 2004, 10, 531-538.	0.9	11
51	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
52	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
53	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.	1.4	11
54	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

#	ARTICLE	IF	CITATIONS
55	Healthcare workersâ€™ 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
56	Equity, diversity and inclusion are foundational research skills. <i>Nature Human Behaviour</i> , 2022, 6, 910-912.	6.2	11
57	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
58	A randomized controlled trial comparing in-person and wiki-inspired nominal group techniques for engaging stakeholders in chronic kidney disease research prioritization. <i>BMC Medical Informatics and Decision Making</i> , 2016, 16, 113.	1.5	10
59	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. <i>BMJ Open</i> , 2019, 9, e024632.	0.8	10
60	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
61	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
62	Cyclooxygenase-2 Inhibition Limits Angiotensin II-Induced DNA Oxidation and Protein Nitration in Humans. <i>Frontiers in Physiology</i> , 2017, 8, 138.	1.3	9
63	Global evidence of gender inequity in academic health research: a living scoping review protocol. <i>JBI Evidence Synthesis</i> , 2020, 18, 2181-2193.	0.6	9
64	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
65	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
66	Vitamin D Supplementation Is Associated With Stabilization of Cardiac Autonomic Tone in IgA Nephropathy. <i>Hypertension</i> , 2015, 66, e4-6.	1.3	8
67	Estradiol and mortality in women with end-stage kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 1965-1972.	0.4	8
68	Gender and CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021, 16, 141-143.	2.2	8
69	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
70	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
71	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.	1.7	7
72	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. <i>Systematic Reviews</i> , 2017, 6, 134.	2.5	7

#	ARTICLE	IF	CITATIONS
73	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
74	Do Sex and Gender Matter in Kidney and Cardiovascular Disease?. American Journal of Kidney Diseases, 2021, 78, 177-179.	2.1	7
75	Improving gender equity in critical care medicine: a protocol to establish priorities and strategies for implementation. BMJ Open, 2020, 10, e037090.	0.8	6
76	Urine biomarkers of renal renin-angiotensin system activity: Exploratory analysis in humans with and without obstructive sleep apnea. Physiological Reports, 2020, 8, e14376.	0.7	6
77	Sex differences in the vascular access of hemodialysis patients: a cohort study. CKJ: Clinical Kidney Journal, 2021, 14, 1412-1418.	1.4	6
78	Impact of restricted visitation policies in hospitals on patients, family members and healthcare providers during the COVID-19 pandemic: a scoping review protocol. BMJ Open, 2021, 11, e048227.	0.8	6
79	Female sex-specific and -predominant cardiovascular risk factors and heart failure practice guidelines. American Heart Journal, 2022, 247, 63-67.	1.2	6
80	Association of insomnia and short sleep duration, alone or with comorbid obstructive sleep apnea, and the risk of chronic kidney disease. Sleep, 2022, 45, .	0.6	6
81	Heart rate variability as a function of menopausal status, menstrual cycle phase, and estradiol level. Physiological Reports, 2022, 10, .	0.7	6
82	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. Systematic Reviews, 2015, 4, 44.	2.5	4
83	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
84	Age-period-cohort effects in pre-existing and pregnancy-associated diseases amongst primiparous women. Biology of Sex Differences, 2020, 11, 19.	1.8	4
85	Diversity of physicians in leadership and academic positions in Alberta: a cross-sectional survey. BMJ Leader, 0, , leader-2021-000554.	0.8	4
86	Cardiac transplantation and cyclosporine nephrotoxicity. Kidney International, 2007, 72, 1029-1033.	2.6	3
87	Anti-Müllerian hormone and vascular dysfunction in women with chronic kidney disease. Physiological Reports, 2022, 10, e15154.	0.7	3
88	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.	1.0	3
89	A 39-year-old pregnant woman with polyuria and hypomagnesemia. Kidney International, 2006, 69, 938-941.	2.6	2
90	Understanding vasovagal syncope: a role for sex and gender. Clinical Autonomic Research, 2020, 30, 369-370.	1.4	2

#	ARTICLE	IF	CITATIONS
91	Sex differences in heart failure and precision medicine: right patient, right timeâ€ wrong dose?. Heart, 2021, 107, 1692-1693.	1.2	2
92	Portrayal of female physicians in cardiovascular advertisements. Canadian Journal of Cardiology, 2004, 20, 1351-4.	0.8	2
93	Public perceptions during the first wave of the COVID-19 pandemic in Canada: a demographic analysis of self-reported beliefs, behaviors, and information acquisition. BMC Public Health, 2022, 22, 699.	1.2	2
94	Even Mild Kidney Dysfunction Is an Important Cardiovascular Risk Predictor: Implications and Challenges. Canadian Journal of Cardiology, 2013, 29, 1371-1373.	0.8	1
95	Letter by Ahmed et al Regarding Article, â€œLow-Dose Aspirin for Primary Prevention of Cardiovascular Events in Patients With Type 2 Diabetes Mellitus: 10-Year Follow-Up of a Randomized Controlled Trialâ€: Circulation, 2017, 135, e1008-e1009.	1.6	1
96	Response to â€œAssessment of Renal Function in Transgender Patients With Kidney Diseaseâ€: Canadian Journal of Kidney Health and Disease, 2021, 8, 205435812110201.	0.6	1
97	Sex and gender considerations in health research: a trainee and allied research personnel perspective. Humanities and Social Sciences Communications, 2020, 7, .	1.3	1
98	Decreased Renal Function and the Prevalence of Obstructive Sleep Apnea: Response. Chest, 2012, 142, 1076-1077.	0.4	0
99	SP307VITAMIN D SUPPLEMENTATION IS ASSOCIATED WITH IMPROVED MODULATION OF CARDIAC AUTONOMIC TONE IN IGA NEPHROPATHY. Nephrology Dialysis Transplantation, 2015, 30, iii480-iii481.	0.4	0
100	Postmenopausal hormone therapy and the kidney: a new target for an old treatment?. Menopause, 2018, 25, 591-593.	0.8	0
101	Recruitment of patients with chronic kidney disease and obstructive sleep apnoea for a clinical trial. Journal of Sleep Research, 2021, 30, e13384.	1.7	0
102	Gender expression is associated with selection of uterine preservation or hysterectomy for pelvic organ prolapse surgery: Novel methodology for sexâ€and genderâ€based analysis in gynecologic research. International Journal of Gynecology and Obstetrics, 2022, , .	1.0	0