Gregory A Kline

List of Publications by Year
in descending order

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95 papers	3,410 citations	257429 24 h-index	149686 56 g-index
95 all docs	95 docs citations	95 times ranked	4073 citing authors

#	Article	IF	Citations
1	Outcomes after adrenalectomy for unilateral primary aldosteronism: an international consensus on outcome measures and analysis of remission rates in an international cohort. Lancet Diabetes and Endocrinology,the, 2017, 5, 689-699.	11.4	595
2	Hypertension Canadaâ€™s 2018 Guidelines for Diagnosis, Risk Assessment, Prevention, and Treatment of Hypertension in Adults and Children. Canadian Journal of Cardiology, 2018, 34, 506-525.	1.7	474
3	The Adrenal Vein Sampling International Study (AVIS) for Identifying the Major Subtypes of Primary Aldosteronism. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 1606-1614.	3.6	310
4	Hypertension Canada's 2017 Guidelines for Diagnosis, Risk Assessment, Prevention, and Treatment of Hypertension in Adults. Canadian Journal of Cardiology, 2017, 33, 557-576.	1.7	269
5	Potassium homeostasis and management of dyskalemia in kidney diseases: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. Kidney International, 2020, 97, 42-61.	5.2	260
6	Use of Dexamethasone in Patients with High-Grade Glioma: A Clinical Practice Guideline. Current Oncology, 2014, 21, 493-503.	2.2	112
7	Clinical Outcomes of 1625 Patients With Primary Aldosteronism Subtyped With Adrenal Vein Sampling. Hypertension, 2019, 74, 800-808.	2.7	97
8	Portion Control Plate for Weight Loss in Obese Patients With Type 2 Diabetes Mellitus. Archives of Internal Medicine, 2007, 167, 1277.	3.8	80
9	Adrenal venous sampling in primary hyperaldosteronism: Comparison of radiographic with biochemical success and the clinical decision-making with â€œless than idealâ€•testing. Surgery, 2006, 140, 847-855.	1.9	79
10	Subtyping of Primary Aldosteronism in the AVIS-2 Study: Assessment of Selectivity and Lateralization. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 2042-2052.	3.6	65
11	Antepartum and intra-partum insulin management of type 1 and type 2 diabetic women: Impact on clinically significant neonatal hypoglycemia. Diabetes Research and Clinical Practice, 2007, 77, 223-230.	2.8	61
12	Adrenal vein sampling may not be a gold-standard diagnostic test in primary aldosteronism: final diagnosis depends upon which interpretation rule is used. International Urology and Nephrology, 2008, 40, 1035-1043.	1.4	53
13	Immunohistopathology and Steroid Profiles Associated With Biochemical Outcomes After Adrenalectomy for Unilateral Primary Aldosteronism. Hypertension, 2018, 72, 650-657.	2.7	51
14	Medical or Surgical Therapy for Primary Aldosteronism: Post-treatment Follow-up as a Surrogate Measure of Comparative Outcomes. Annals of Surgical Oncology, 2013, 20, 2274-2278.	1.5	43
15	Epidemiology of pheochromocytoma and paraganglioma: population-based cohort study. European Journal of Endocrinology, 2021, 184, 19-28.	3.7	42
16	Primary aldosteronism: a common cause of resistant hypertension. Cmaj, 2017, 189, E773-E778.	2.0	40
17	Clinical implications for biochemical diagnostic thresholds of adrenal sufficiency using a highly specific cortisol immunoassay. Clinical Biochemistry, 2017, 50, 475-480.	1.9	39
18	Catheterization During Adrenal Vein Sampling for Primary Aldosteronism: Failure to Use (1â€“24) <scp>ACTH</scp> May Increase Apparent Failure Rate. Journal of Clinical Hypertension, 2013, 15, 480-484.	2.0	38

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19	Proportion of Patients With Hypertension Resolution Following Adrenalectomy for Primary Aldosteronism: A Systematic Review and Metaâ€Analysis. Journal of Clinical Hypertension, 2016, 18, 1205-1212.	2.0	37
20	Defining contralateral adrenal suppression in primary aldosteronism: implications for diagnosis and outcome. Clinical Endocrinology, 2015, 83, 20-27.	2.4	35
21	Outcomes of a Specialized Clinic on Rates of Investigation and Treatment of Primary Aldosteronism. JAMA Surgery, 2021, 156, 541.	4.3	33
22	Discordance Between Imaging and Adrenal Vein Sampling in Primary Aldosteronism Irrespective of Interpretation Criteria. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1900-1906.	3.6	32
23	Performance of the Aldosterone to Renin Ratio as a Screening Test for Primary Aldosteronism. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 2423-2435.	3.6	32
24	Highâ€Probability Features of Primary Aldosteronism May Obviate the Need for Confirmatory Testing Without Increasing Falseâ€Positive Diagnoses. Journal of Clinical Hypertension, 2014, 16, 488-496.	2.0	30
25	A high rate of modestly elevated plasma normetanephrine in a population referred for suspected PPGL when measured in a seated position. European Journal of Endocrinology, 2019, 181, 301-309.	3.7	25
26	Premature changes in trabecular and cortical microarchitecture result in decreased bone strength in hemophilia. Blood, 2015, 125, 2160-2163.	1.4	23
27	Unadjusted Plasma Renin Activity as a â€œFirstâ€Lookâ€•Test to Decide Upon Further Investigations for Primary Aldosteronism. Journal of Clinical Hypertension, 2015, 17, 541-546.	2.0	21
28	Performance of Confirmatory Tests for Diagnosing Primary Aldosteronism: a Systematic Review and Meta-Analysis. Hypertension, 2022, 79, 1835-1844.	2.7	20
29	Novel Approach to Establishing an Aldosterone: Renin Ratio Cutoff for Primary Aldosteronism. Hypertension, 2017, 69, 450-456.	2.7	19
30	Drug-resistant hypertension in primary aldosteronism patients undergoing adrenal vein sampling: the AVIS-2-RH study. European Journal of Preventive Cardiology, 2022, 29, e85-e93.	1.8	19
31	Application of strict criteria in adrenal venous sampling increases the proportion of missed patients with unilateral disease who benefit from surgery for primary aldosteronism. Journal of Hypertension, 2018, 36, 1407-1413.	0.5	18
32	At Odds About the Odds: Womenâ€™s Choices to Accept Osteoporosis Medications Do Not Closely Agree with Physician-Set Treatment Thresholds. Journal of General Internal Medicine, 2020, 35, 276-282.	2.6	18
33	Identification of Surgically Curable Primary Aldosteronism by Imaging in a Large, Multiethnic International Study. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e4340-e4349.	3.6	18
34	A clinical prediction score for diagnosing unilateral primary Aldosteronism may not be generalizable. BMC Endocrine Disorders, 2014, 14, 94.	2.2	17
35	Adrenal venous sampling for primary aldosteronism: laboratory medicine best practice. Journal of Clinical Pathology, 2017, 70, 911-916.	2.0	17
36	Very high rate of false positive biochemical results when screening for pheochromocytoma in a large, undifferentiated population with variable indications for testing. Clinical Biochemistry, 2020, 77, 26-31.	1.9	17

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37	Warning of an increased risk of vertebral fracture after stopping denosumab. Cmaj, 2018, 190, E485-E486.	2.0	16
38	Surprisingly low aldosterone levels in peripheral veins following intravenous sedation during adrenal vein sampling. Journal of Hypertension, 2019, 37, 596-602.	0.5	15
39	A marked proportional rise in IVC aldosterone following cosyntropin administration during AVS is a signal to the presence of adrenal hyperplasia in primary aldosteronism. Journal of Human Hypertension, 2014, 28, 298-302.	2.2	13
40	Feasibility of Imaging-Guided Adrenalectomy in Young Patients With Primary Aldosteronism. Hypertension, 2022, 79, 187-195.	2.7	13
41	Utility of serum IGF-1 for diagnosis of growth hormone deficiency following traumatic brain injury and sport-related concussion. BMC Endocrine Disorders, 2018, 18, 20.	2.2	12
42	Primary Aldosteronism: unnecessary complexity in definition and diagnosis as a barrier to wider clinical care. Clinical Endocrinology, 2015, 82, 779-784.	2.4	11
43	Patient Outcomes in the Years After a DXA-BMD Treatment Monitoring Test: Improved Medication Adherence in Some, But Too Little Too Late. Journal of Bone and Mineral Research, 2020, 36, 1425-1431.	2.8	10
44	Defining adrenal status with salivary cortisol by gold-standard insulin hypoglycemia. Clinical Biochemistry, 2013, 46, 1442-1446.	1.9	9
45	Despite Limited Specificity, Computed Tomography Predicts Lateralization and Clinical Outcome in Primary Aldosteronism. World Journal of Surgery, 2014, 38, 2855-2862.	1.6	9
46	Skeletal fluorosis in a resettled refugee from Kakuma refugee camp. Lancet, The, 2019, 393, 223-225.	13.7	9
47	Unilateral Disease Is Common in Patients With Primary Aldosteronism Without Adrenal Nodules. Canadian Journal of Cardiology, 2021, 37, 269-275.	1.7	9
48	Addisonâ€™S Disease in Evolution: An Illustrative Case and Literature Review. Endocrine Practice, 2014, 20, e176-e179.	2.1	8
49	Inpatient Measurements of Urine Metanephrines are Indistinguishable from Pheochromocytoma: Retrospective Cohort Study. American Journal of Medicine, 2021, 134, 1039-1046.e3.	1.5	8
50	Prolonged hypothalamic-pituitary-adrenal axis activation after acute coronary syndrome in the GENESIS-PRAXY cohort. European Journal of Preventive Cardiology, 2018, 25, 65-72.	1.8	7
51	Simulated effects of early menopausal bone mineral density preservation on long-term fracture risk: a feasibility study. Osteoporosis International, 2021, 32, 1313-1320.	3.1	7
52	Diminishing Value from Multiple Serial Bone Densitometry in Women Receiving Antiresorptive Medication for Osteoporosis. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 2718-2725.	3.6	7
53	Apparent failed and discordant adrenal vein sampling: A potential confounding role of cortisol cosecretion?. Clinical Endocrinology, 2022, 96, 123-131.	2.4	7
54	Factitious <scp>ACTH</scp>â€dependent, apparent hypercortisolism: The problem with lateâ€night salivary cortisol measurements collected at home. Clinical Endocrinology, 2017, 87, 882-885.	2.4	6

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55	Autonomy begets adherence: decisions to start and persist with osteoporosis treatment after group medical consultation. Archives of Osteoporosis, 2020, 15, 138.	2.4	6
56	External Validation of Clinical Prediction Models in Unilateral Primary Aldosteronism. American Journal of Hypertension, 2022, 35, 365-373.	2.0	6
57	Screening to prevent fragility fractures among adults 40 years and older in primary care: protocol for a systematic review. Systematic Reviews, 2019, 8, 216.	5.3	5
58	Surgical Outcomes Among Primary Aldosteronism Patients Without Visible Adrenal Lesions. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e824-e835.	3.6	5
59	Properly Collected Plasma Metanephrines Excludes PPGL After False-Positive Screening Tests. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e2900-e2906.	3.6	5
60	Phosphate matters when investigating hypercalcemia: a mutation in SLC34A3 causing HHRH. Endocrinology, Diabetes and Metabolism Case Reports, 2019, 2019, 1-6.	0.5	5
61	Adrenal venous sampling in primary aldosteronism: lessons from over 600 single-operator procedures. Clinical Radiology, 2022, 77, e170-e179.	1.1	5
62	Repeat Adrenal Vein Sampling in Aldosteronism: Reproducibility and Interpretation of Persistently Discordant Results. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e1170-e1178.	3.6	4
63	Errors in patient perception of caloric deficit required for weight lossâ€”observations from the Diet Plate Trial[*]. Diabetes, Obesity and Metabolism, 2010, 12, 455-457.	4.4	3
64	Sudden onset of parathyroid hormone-independent severe hypercalcemia from reversal of tumoral calcinosis in a dialysis patient. BMC Nephrology, 2016, 17, 137.	1.8	3
65	How Good is Our Best Guess? Clinical Application of the WHO FRAX Tool in Osteoporotic Fracture Risk Determination and Treatment Decisions. Calcified Tissue International, 2016, 99, 114-120.	3.1	3
66	The Potential Role of Primary Care in Case Detection/Screening of Primary Aldosteronism. American Journal of Hypertension, 2017, 30, 1147-1150.	2.0	3
67	De-evolution of diagnostic testing for adrenal insufficiency. Lancet Diabetes and Endocrinology,the, 2017, 5, 88-90.	11.4	3
68	Adrenal vein sampling: External validation of multinomial regression modelling and left adrenal veinâ€toâ€peripheral vein ratio to predict lateralization index without right adrenal vein sampling. Clinical Endocrinology, 2020, 93, 661-671.	2.4	3
69	Levothyroxine prescribing and laboratory test use after a minor change in reference range for thyroid-stimulating hormone. Cmaj, 2020, 192, E469-E475.	2.0	3
70	Moderate renal impairment does not preclude the accuracy of 24â€hour urine normetanephrine measurements for suspected pheochromoctyoma. Clinical Endocrinology, 2020, 92, 518-524.	2.4	3
71	Growth hormone deficiency testing and treatment following mild traumatic brain injury. Scientific Reports, 2021, 11, 8534.	3.3	3
72	Bone densitometry categories as a salient distracting feature in the modern clinical pathways of osteoporosis care: A retrospective 20-year cohort study. Bone, 2021, 145, 115861.	2.9	3

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73	A retrospective review of the community medicine needs from osteoporosis services in Canada. BMC Endocrine Disorders, 2022, 22, 78.	2.2	3
74	The discovery, elucidation, philosophical testing and formal proof of various exceptions to medical sayings and rules. Cmaj, 2004, 171, 1491-1492.	2.0	2
75	Diffuse, fracturing systemic skeletal histiocytosis of unknown type: a novel metabolic bone disease. Osteoporosis International, 2019, 30, 1893-1896.	3.1	2
76	Group medical consultation for osteoporosis: a prospective pilot study of patient experience in Canadian tertiary care. British Journal of General Practice, 2020, 70, e801-e808.	1.4	2
77	Systemic absorption of intranasal corticosteroids may occur and can potentially affect the hypothalamicâ€“pituitaryâ€“adrenal axis. Cmaj, 2021, 193, E426-E426.	2.0	2
78	Carbamazepine drug effect simulating biochemical central hypothyroidism in a patient with Bardet-Biedl syndrome. BMJ Case Reports, 2021, 14, e245018.	0.5	2
79	Updated reference intervals for urine normetanephrine have no effect on test sensitivity but fewer false positives. Clinical Biochemistry, 2022, 99, 17-19.	1.9	2
80	Massive adrenal incidentalomas and late diagnosis of congenital adrenal hyperplasia in prostate cancer. Endocrinology, Diabetes and Metabolism Case Reports, 2017, 2017, .	0.5	2
81	Apparent â€œRapid Lossâ€•After Short-Interval Bone Density Testing in Menopausal Women Is Usually a Measurement Artifact. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 1662-1666.	3.6	2
82	Ectopic Cushingâ€™s syndrome from an ACTH-producing pheochromocytoma with a non-functioning pituitary adenoma. Endocrinology, Diabetes and Metabolism Case Reports, 2022, 2022, .	0.5	2
83	Response Letter to the Editor from Zhu et al: â€œPerformance of the Aldosterone-to-Renin Ratio as a Screening Test for Primary Aldosteronism: A Systematic Review and Meta-Analysisâ€• Journal of Clinical Endocrinology and Metabolism, 2021, 106, e4300-e4301.	3.6	1
84	Divergent Patterns of Antifracture Medication Use Following Fracture on Therapy: A Population-Based Cohort Study. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 491-499.	3.6	1
85	Limited adherence to growth hormone replacement in patients with traumatic brain injury. Journal of Rehabilitation Medicine Clinical Communications, 2018, 1, 1000008.	0.6	1
86	A case of acquired salt-wasting orthostasis due to a syndrome of inappropriate cardiac natriuretic peptides secretion. Clinica Chimica Acta, 2009, 401, 184-186.	1.1	0
87	An open letter to all of the medical journals who send me daily offers to publish my â€œhigh-impact research in next monthâ€™s issueâ€• Cmaj, 2018, 190, E1172-E1172.	2.0	0
88	SAT-238 Congenital Nephrogenic Diabetes Insipidus with First Presentation as an Adult: A Case Report. Journal of the Endocrine Society, 2020, 4, .	0.2	0
89	SAT-422 Evaluation of the Siemens Thyroid Stimulating Immunoglobulin (TSI) Assay for Diagnosis and Prognosis of Gravesâ€™ Disease. Journal of the Endocrine Society, 2020, 4, .	0.2	0
90	Coexisting failures do not diminish the stature of a giant. Cmaj, 2021, 193, E104-E104.	2.0	0

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91	Primary aldosteronism is everywhere but does anyone see it?. Clinical Endocrinology, 2021, 95, 410-411.	2.4	0
92	Maintained Bone Density in Young Hypoestrogenized Women with a High BMI: Case Series. Calcified Tissue International, 2021, 109, 469-473.	3.1	0
93	Prevalence of growth hormone deficiency in patients with unexplained chronic fatigue after undergoing bone marrow transplantation in adulthood. Journal of Endocrinological Investigation, 2021, 44, 2809-2817.	3.3	0
94	Response Letter to the Editor from Viola et al: â€œDiminishing Value From Multiple Serial Bone Densitometry in Women Receiving Antiresorptive Medication for Osteoporosisâ€. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e5279-e5280.	3.6	0
95	The Curious Case of Hypopituitarism. Journal of Neuropathology and Experimental Neurology, 2022, 81, 662-664.	1.7	0