

Amy B Karger

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

3,204
citations

331670

21
h-index

161849

54
g-index

72
all docs

72
docs citations

72
times ranked

3074
citing authors

#	ARTICLE	IF	CITATIONS
1	New Creatinine- and Cystatin C-Based Equations to Estimate GFR without Race. <i>New England Journal of Medicine</i> , 2021, 385, 1737-1749.	27.0	1,236
2	ABCC9 mutations identified in human dilated cardiomyopathy disrupt catalytic KATP channel gating. <i>Nature Genetics</i> , 2004, 36, 382-387.	21.4	342
3	Serum Urate Lowering with Allopurinol and Kidney Function in Type 1 Diabetes. <i>New England Journal of Medicine</i> , 2020, 382, 2493-2503.	27.0	228
4	Signaling in Channel/Enzyme Multimers. <i>Neuron</i> , 2001, 31, 233-245.	8.1	183
5	GFR Estimation Using 125 I-Trace Protein and 125 I-Microglobulin in CKD. <i>American Journal of Kidney Diseases</i> , 2016, 67, 40-48.	1.9	121
6	Association of Biotin Ingestion With Performance of Hormone and Nonhormone Assays in Healthy Adults. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 1150.	7.4	105
7	ATP-sensitive K channel channel/enzyme multimer: Metabolic gating in the heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2005, 38, 895-905.	1.9	85
8	Tandem Function of Nucleotide Binding Domains Confers Competence to Sulfonylurea Receptor in Gating ATP-sensitive K ⁺ Channels. <i>Journal of Biological Chemistry</i> , 2002, 277, 14206-14210.	3.4	77
9	Biological Variability of Estimated GFR and Albuminuria in CKD. <i>American Journal of Kidney Diseases</i> , 2018, 72, 538-546.	1.9	62
10	Performance in Measurement of Serum Cystatin C by Laboratories Participating in the College of American Pathologists 2014 CYS Survey. <i>Archives of Pathology and Laboratory Medicine</i> , 2015, 139, 888-893.	2.5	59
11	Quantitative Epstein-Barr virus shedding and its correlation with the risk of post-transplant lymphoproliferative disorder. <i>Clinical Transplantation</i> , 2012, 26, 741-747.	1.6	52
12	A New Panel-Estimated GFR, Including 125 I-Microglobulin and 125 I-Trace Protein and Not Including Race, Developed in a Diverse Population. <i>American Journal of Kidney Diseases</i> , 2021, 77, 673-683.e1.	1.9	47
13	Assessment of Coronary Artery Calcium Scoring to Guide Statin Therapy Allocation According to Risk-Enhancing Factors. <i>JAMA Cardiology</i> , 2021, 6, 1161.	6.1	46
14	Residual β cell function in long-term type 1 diabetes associates with reduced incidence of hypoglycemia. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	42
15	Race-Based Differences in Lipoprotein(a)-Associated Risk of Carotid Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 523-529.	2.4	40
16	Preventing Early Renal Loss in Diabetes (PERL) Study: A Randomized Double-Blinded Trial of Allopurinol—Rationale, Design, and Baseline Data. <i>Diabetes Care</i> , 2019, 42, 1454-1463.	8.6	39
17	Measured GFR in Routine Clinical Practice—The Promise of Dried Blood Spots. <i>Advances in Chronic Kidney Disease</i> , 2018, 25, 76-83.	1.4	35
18	Association Between Homocysteine and Vascular Calcification Incidence, Prevalence, and Progression in the MESA Cohort. <i>Journal of the American Heart Association</i> , 2020, 9, e013934.	3.7	35

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19	Associations between omega-6 polyunsaturated fatty acids, hyperinsulinemia and incident diabetes by race/ethnicity: The Multi-Ethnic Study of Atherosclerosis. <i>Clinical Nutrition</i> , 2020, 39, 3031-3041.	5.0	26
20	Lipoprotein (a) and risk for calcification of the coronary arteries, mitral valve, and thoracic aorta: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 154-160.	1.3	26
21	Filtration Markers as Predictors of ESRD and Mortality: Individual Participant Data Meta-Analysis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2017, 12, 69-78.	4.5	24
22	Apolipoprotein B discordance with low-density lipoprotein cholesterol and non-high-density lipoprotein cholesterol in relation to coronary artery calcification in the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Journal of Clinical Lipidology</i> , 2020, 14, 109-121.e5.	1.5	23
23	Role for SUR2A ED Domain in Allosteric Coupling within the KATP Channel Complex. <i>Journal of General Physiology</i> , 2008, 131, 185-196.	1.9	21
24	Initial determination of COVID-19 seroprevalence among outpatients and healthcare workers in Minnesota using a novel SARS-CoV-2 total antibody ELISA. <i>Clinical Biochemistry</i> , 2021, 90, 15-22.	1.9	19
25	Lp(a) (Lipoprotein [a]) and Risk for Incident Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008401.	4.8	17
26	Vaccination Against SARS-CoV-2 Is Associated With a Lower Viral Load and Likelihood of Systemic Symptoms. <i>Open Forum Infectious Diseases</i> , 2022, 9, ofac066.	0.9	17
27	The Serological Sciences Network (SeroNet) for COVID-19: Depth and Breadth of Serology Assays and Plans for Assay Harmonization. <i>MSphere</i> , 2022, 7, .	2.9	16
28	Performance and Determinants of Serum Creatinine and Cystatin C-Based GFR Estimating Equations in South Asians. <i>Kidney International Reports</i> , 2021, 6, 962-975.	0.8	14
29	Long-Term Longitudinal Stability of Kidney Filtration Marker Measurements: Implications for Epidemiological Studies and Clinical Care. <i>Clinical Chemistry</i> , 2021, 67, 425-433.	3.2	12
30	Ultrasensitive detection of salivary SARS-CoV-2 IgG antibodies in individuals with natural and COVID-19 vaccine-induced immunity. <i>Scientific Reports</i> , 2022, 12, .	3.3	12
31	Novel Filtration Markers for GFR Estimation. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2017, 28, 277-288.	0.7	10
32	Improved Performance in Measurement of Serum Cystatin C by Laboratories Participating in the College of American Pathologists 2019 CYS Survey. <i>Archives of Pathology and Laboratory Medicine</i> , 2022, 146, 1218-1223.	2.5	10
33	Development and Validation of Residual Kidney Function Estimating Equations in Dialysis Patients. <i>Kidney Medicine</i> , 2019, 1, 104-114.	2.0	9
34	Comparability of Plasma Iohexol Clearance Across Population-Based Cohorts. <i>American Journal of Kidney Diseases</i> , 2020, 76, 54-62.	1.9	9
35	Determining the utility of creatinine delta checks: A large retrospective analysis. <i>Clinical Biochemistry</i> , 2018, 53, 139-142.	1.9	8
36	To Delta Check or Not to Delta Check? That Is the Question. <i>Journal of Applied Laboratory Medicine</i> , 2017, 1, 457-459.	1.3	7

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37	Free fatty acids, cardiovascular disease, and mortality in the Multi-Ethnic Study of Atherosclerosis. <i>Journal of Clinical Lipidology</i> , 2020, 14, 531-541.	1.5	7
38	Plasma ω -3 and ω -6 PUFA Concentrations and Risk of Atrial Fibrillation: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of Nutrition</i> , 2021, 151, 1479-1486.	2.9	7
39	End of the line for fetal lung maturity testing. <i>Clinical Biochemistry</i> , 2019, 71, 74-76.	1.9	6
40	GFR Estimation Using a Panel of Filtration Markers in Shanghai and Beijing. <i>Kidney Medicine</i> , 2020, 2, 172-180.	2.0	6
41	The Importance of Verifying Reference Intervals for Calculated Results. <i>journal of applied laboratory medicine</i> , The, 2017, 2, 466-468.	1.3	5
42	Performance of Serum \hat{I}^2 -Microglobulin \hat{I}^2 and \hat{I}^2 -Trace Protein \hat{I}^2 -Based Panel Markers and 2021 Creatinine- and Cystatin-Based GFR Estimating Equations in Pakistan. <i>Kidney Medicine</i> , 2022, 4, 100444.	2.0	5
43	Mission, Organization, and Future Direction of the Serological Sciences Network for COVID-19 (SeroNet) Epidemiologic Cohort Studies. <i>Open Forum Infectious Diseases</i> , 2022, 9, .	0.9	5
44	Evaluation of LeadCare Ultra \hat{A} as an initial screen for elevated blood lead levels. <i>Clinical Biochemistry</i> , 2019, 66, 95-99.	1.9	4
45	Free fatty acids and heart failure in the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Journal of Clinical Lipidology</i> , 2021, 15, 608-617.	1.5	4
46	Initial Determination of COVID-19 Seroprevalence Among Outpatients and Healthcare Workers in Minnesota Using a Novel SARS-CoV-2 Total Antibody ELISA. <i>SSRN Electronic Journal</i> , 0, , .	0.4	4
47	Establishing a Stand-Alone Laboratory Dedicated to the Care of Patients With Ebola Virus Disease. <i>Laboratory Medicine</i> , 2017, 48, 188-194.	1.2	3
48	Critically Elevated Potassium in a 55-Year-Old Female With Chronic Lymphocytic Leukemia. <i>Laboratory Medicine</i> , 2018, 49, 280-283.	1.2	3
49	Method comparison of SARS-CoV-2 serology assays involving three commercially available platforms and a novel in-house developed enzyme-linked immunosorbent assay. <i>Clinical Biochemistry</i> , 2020, 86, 34-35.	1.9	3
50	18-year change in serum intact fibroblast growth factor 23 from midlife to late life and risk of mortality: the ARIC Study. <i>European Journal of Endocrinology</i> , 2022, 187, 39-47.	3.7	3
51	Rare erroneous results on the Siemens Dimension Vista \hat{A} platform due to urine carryover: A warning to current users. <i>Clinical Biochemistry</i> , 2016, 49, 737-739.	1.9	2
52	Letter to the Editor: Assay-specific Spurious ACTH Results Lead to Misdiagnosis, Unnecessary Testing, and Surgical Misadventure \hat{I}^2 A Case Series. <i>Journal of the Endocrine Society</i> , 2020, 4, bvz011.	0.2	2
53	Estimating total small solute clearance in patients treated with continuous ambulatory peritoneal dialysis without urine and dialysate collection. <i>Peritoneal Dialysis International</i> , 2020, 40, 84-92.	2.3	2
54	Prediction of False-Positive Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Molecular Results in a High-Throughput Open-Platform System. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 1085-1096.	2.8	2

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55	Serum Free Light Chain Analysis. , 2016, , 25-42.		2
56	ASSOCIATION OF PLASMA Î‰-3 FATTY ACIDS WITH EARLY AGE-RELATED MACULAR DEGENERATION IN THE MULTI-ETHNIC STUDY OF ATHEROSCLEROSIS. Retina, 2022, 42, 1384-1391.	1.7	2
57	Changes in Serum Intact Fibroblast Growth Factor 23 Concentrations From Midlife to Late Life and Their Predictors in the Community: The ARIC Study. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2022, 6, 209-217.	2.4	2
58	Detection of PAX2 Deletions and Duplications Using Multiplex Ligation-Dependent Probe Amplification. Genetic Testing and Molecular Biomarkers, 2013, 17, 786-788.	0.7	1
59	88: Reassessment of Anion Gap Reference Range Following Implementation of New Chemistry Analyzers: The Fairview Experience. American Journal of Clinical Pathology, 2015, 143, A051-A051.	0.7	1
60	3: Comparison of Point-of-Care and Central Laboratory Methods for the Measurement of Cardiac Troponin I in Patients With Suspected Acute Myocardial Infarction. American Journal of Clinical Pathology, 2015, 143, A002-A002.	0.7	1
61	A Setback to Universal Pediatric Lipid Screening and a Call for More Research. Clinical Chemistry, 2017, 63, 620-621.	3.2	1
62	A 43-year-old woman with unexplained elevation of hCG. Clinical Biochemistry, 2018, 55, 86-88.	1.9	1
63	Evaluation of automatic mixing versus manual mixing for point of care hemoglobin measurement. Practical Laboratory Medicine, 2020, 20, e00163.	1.3	1
64	Transient hyperphosphatasemia following pediatric liver transplantation in a patient with hepatic and skeletal abnormalities. Clinica Chimica Acta, 2021, 519, 48-50.	1.1	1
65	Missed critical value callbacks due to middleware flaw. Clinical Biochemistry, 2021, 96, 71-74.	1.9	1
66	Early Trajectory of Estimated Glomerular Filtration Rate and Long-term Advanced Kidney and Cardiovascular Complications in Type 1 Diabetes. Diabetes Care, 2022, 45, 585-593.	8.6	1
67	100: Establishing a Stand-Alone Laboratory Dedicated for the Care of Patients With Ebola Virus Disease. American Journal of Clinical Pathology, 2015, 143, A058-A058.	0.7	0
68	A Newborn with Distended Abdomen. Clinical Chemistry, 2016, 62, 1061-1064.	3.2	0
69	Missed Critical Value Callbacks Due to Middleware Flaws. American Journal of Clinical Pathology, 2019, 152, S25-S26.	0.7	0
70	Viral Loads of SARS-CoV-2 in Young Children. JAMA Pediatrics, 2021, 175, 528.	6.2	0
71	Î²2-Microglobulin and Î²2-Trace Protein in Patients Undergoing Bariatric Surgery: Non-GFR Determinants and Panel-estimated GFR Performance. Kidney Medicine, 2022, 4, 100401.	2.0	0