

Rita R Kalyani

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

6,547
citations

87888

38
h-index

69250

77
g-index

107
all docs

107
docs citations

107
times ranked

10525
citing authors

#	ARTICLE	IF	CITATIONS
1	Frailty assessment instruments: Systematic characterization of the uses and contexts of highly-cited instruments. <i>Ageing Research Reviews</i> , 2016, 26, 53-61.	10.9	575
2	Frailty in Older Adults: A Nationally Representative Profile in the United States. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1427-1434.	3.6	518
3	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	21.4	341
4	Assessing Glycemia in Diabetes Using Self-monitoring Blood Glucose and Hemoglobin A _{1c} . <i>JAMA - Journal of the American Medical Association</i> , 2006, 295, 1688.	7.4	300
5	Association of Diabetes, Comorbidities, and A1C With Functional Disability in Older Adults. <i>Diabetes Care</i> , 2010, 33, 1055-1060.	8.6	282
6	Metabolically Healthy Obesity, Transition to Metabolic Syndrome, and Cardiovascular Risk. <i>Journal of the American College of Cardiology</i> , 2018, 71, 1857-1865.	2.8	281
7	2020 Expert Consensus Decision Pathway on Novel Therapies for Cardiovascular Risk Reduction in Patients With Type 2 Diabetes. <i>Journal of the American College of Cardiology</i> , 2020, 76, 1117-1145.	2.8	276
8	Vitamin D Treatment for the Prevention of Falls in Older Adults: Systematic Review and Meta-Analysis. <i>Journal of the American Geriatrics Society</i> , 2010, 58, 1299-1310.	2.6	195
9	Management of Diabetes in Long-term Care and Skilled Nursing Facilities: A Position Statement of the American Diabetes Association. <i>Diabetes Care</i> , 2016, 39, 308-318.	8.6	172
10	Hyperglycemia Predicts Persistently Lower Muscle Strength With Aging. <i>Diabetes Care</i> , 2015, 38, 82-90.	8.6	166
11	Dynamic Glucose-Enhanced (DGE) MRI: Translation to Human Scanning and First Results in Glioma Patients. <i>Tomography</i> , 2015, 1, 105-114.	1.8	153
12	Epidemiology of Diabetes and Diabetes Complications in the Elderly: An Emerging Public Health Burden. <i>Current Diabetes Reports</i> , 2013, 13, 805-813.	4.2	152
13	Diabetes and Aging: Unique Considerations and Goals of Care. <i>Diabetes Care</i> , 2017, 40, 440-443.	8.6	146
14	Androgen deficiency, diabetes, and the metabolic syndrome in men. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2007, 14, 226-234.	2.3	142
15	Individual Frailty Components and Mortality in Kidney Transplant Recipients. <i>Transplantation</i> , 2017, 101, 2126-2132.	1.0	120
16	Quadriceps Strength, Quadriceps Power, and Gait Speed in Older U.S. Adults with Diabetes Mellitus: Results from the National Health and Nutrition Examination Survey, 1999-2002. <i>Journal of the American Geriatrics Society</i> , 2013, 61, 769-775.	2.6	117
17	Male Hypogonadism in Systemic Disease. <i>Endocrinology and Metabolism Clinics of North America</i> , 2007, 36, 333-348.	3.2	114
18	Hyperglycemia and Incidence of Frailty and Lower Extremity Mobility Limitations in Older Women. <i>Journal of the American Geriatrics Society</i> , 2012, 60, 1701-1707.	2.6	113

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19	Sex Differences in Diabetes and Risk of Incident Coronary Artery Disease in Healthy Young and Middle-Aged Adults. <i>Diabetes Care</i> , 2014, 37, 830-838.	8.6	101
20	Long-Term Weight Loss With Metformin or Lifestyle Intervention in the Diabetes Prevention Program Outcomes Study. <i>Annals of Internal Medicine</i> , 2019, 170, 682.	3.9	92
21	Response to Comment on American Diabetes Association. <i>Standards of Medical Care in Diabetesâ€™2017</i>. <i>Diabetes Care</i> 2017;40(Suppl. 1):S1â€™S135. <i>Diabetes Care</i> , 2017, 40, e94-e95.	8.6	86
22	Obesity Severity and Duration Are Associated With Incident Metabolic Syndrome: Evidence Against Metabolically Healthy Obesity From the Multi-Ethnic Study of Atherosclerosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 4117-4124.	3.6	84
23	Hemoglobin A1c and Mortality in Older Adults With and Without Diabetes: Results From the National Health and Nutrition Examination Surveys (1988â€™2011). <i>Diabetes Care</i> , 2017, 40, 453-460.	8.6	84
24	The effect of vitamin D supplementation on glucose metabolism in type 2 diabetes mellitus: A systematic review and meta-analysis of intervention studies. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 1115-1126.	2.3	83
25	Body composition changes in diabetes and aging. <i>Journal of Diabetes and Its Complications</i> , 2019, 33, 451-459.	2.3	76
26	Patterns of 12-Year Change in Physical Activity Levels in Community-Dwelling Older Women: Can Modest Levels of Physical Activity Help Older Women Live Longer?. <i>American Journal of Epidemiology</i> , 2012, 176, 534-543.	3.4	70
27	Diabetes and Prediabetes and Risk of Hospitalization: The Atherosclerosis Risk in Communities (ARIC) Study. <i>Diabetes Care</i> , 2016, 39, 772-779.	8.6	68
28	Glucose and Insulin Measurements From the Oral Glucose Tolerance Test and Relationship to Muscle Mass. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012, 67A, 74-81.	3.6	64
29	Regression From Prediabetes to Normal Glucose Regulation and Prevalence of Microvascular Disease in the Diabetes Prevention Program Outcomes Study (DPPOS). <i>Diabetes Care</i> , 2019, 42, 1809-1815.	8.6	61
30	Plasma Klotho and Cognitive Decline in Older Adults: Findings From the InCHIANTI Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 677-682.	3.6	60
31	Glucose-Lowering Drugs to Reduce Cardiovascular Risk in Type 2 Diabetes. <i>New England Journal of Medicine</i> , 2021, 384, 1248-1260.	27.0	60
32	Serum vitamin D and sex hormones levels in men and women: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Maturitas</i> , 2017, 96, 95-102.	2.4	54
33	Insulin Resistance Is Associated With Reduced Mitochondrial Oxidative Capacity Measured by 31P-Magnetic Resonance Spectroscopy in Participants Without Diabetes From the Baltimore Longitudinal Study of Aging. <i>Diabetes</i> , 2017, 66, 170-176.	0.6	48
34	The association of morning serum cortisol with glucose metabolism and diabetes: The Jackson Heart Study. <i>Psychoneuroendocrinology</i> , 2019, 103, 25-32.	2.7	48
35	The Effects of Four Doses of Vitamin D Supplements on Falls in Older Adults. <i>Annals of Internal Medicine</i> , 2021, 174, 145-156.	3.9	47
36	Characterization of Vestibulopathy in Individuals with Type 2 Diabetes Mellitus. <i>Otolaryngology - Head and Neck Surgery</i> , 2015, 153, 112-118.	1.9	45

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37	Vitamin D deficiency is independently associated with greater prevalence of erectile dysfunction: The National Health and Nutrition Examination Survey (NHANES) 2001–2004. <i>Atherosclerosis</i> , 2016, 252, 61-67.	0.8	45
38	Aldosterone, Renin, and Diabetes Mellitus in African Americans: The Jackson Heart Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 1770-1778.	3.6	43
39	Primary Prevention of ASCVD and T2DM in Patients at Metabolic Risk: An Endocrine Society* Clinical Practice Guideline. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 3939-3985.	3.6	42
40	Frailty status and altered dynamics of circulating energy metabolism hormones after oral glucose in older women. <i>Journal of Nutrition, Health and Aging</i> , 2012, 16, 679-686.	3.3	40
41	Association of cerebrovascular reactivity and Alzheimer pathologic markers with cognitive performance. <i>Neurology</i> , 2020, 95, e962-e972.	1.1	39
42	Laparoscopic Total Pancreatectomy With Islet Autotransplantation and Intraoperative Islet Separation as a Treatment for Patients With Chronic Pancreatitis. <i>JAMA Surgery</i> , 2017, 152, 550.	4.3	38
43	Glycemic Predictors of Insulin Independence After Total Pancreatectomy With Islet Autotransplantation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 801-809.	3.6	37
44	Changes in Visceral Adiposity, Subcutaneous Adiposity, and Sex Hormones in the Diabetes Prevention Program. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 3381-3389.	3.6	32
45	The Association of Vitamin D Deficiency and Incident Frailty in Older Women: The Role of Cardiometabolic Diseases. <i>Journal of the American Geriatrics Society</i> , 2017, 65, 619-624.	2.6	30
46	Serum 25-Hydroxyvitamin D, Plasma Klotho, and Lower-Extremity Physical Performance Among Older Adults: Findings From the InCHIANTI Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1156-1162.	3.6	29
47	Leveraging linkage evidence to identify low-frequency and rare variants on 16p13 associated with blood pressure using TOPMed whole genome sequencing data. <i>Human Genetics</i> , 2019, 138, 199-210.	3.8	29
48	Determinants of mental health outcomes among people with and without diabetes during the COVID-19 outbreak in the Arab Gulf Region. <i>Journal of Diabetes</i> , 2021, 13, 339-352.	1.8	29
49	Aldosterone, Renin, Cardiovascular Events, and All-Cause Mortality Among African-Americans. <i>JACC: Heart Failure</i> , 2017, 5, 642-651.	4.1	28
50	Plasma Klotho and Frailty in Older Adults: Findings From the InCHIANTI Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1052-1057.	3.6	27
51	Prevalence and predictors of pain and opioid analgesic use following total pancreatectomy with islet autotransplantation for pancreatitis. <i>Pancreatology</i> , 2017, 17, 732-737.	1.1	25
52	Arterial Input Functions and Tissue Response Curves in Dynamic Glucose-Enhanced (DGE) Imaging: Comparison between glucoCEST and Blood Glucose Sampling in Humans. <i>Tomography</i> , 2018, 4, 164-171.	1.8	25
53	Relation of Plasma Lipoprotein(a) to Subclinical Coronary Plaque Volumes, Three-Vessel and Left Main Coronary Disease, and Severe Coronary Stenoses in Apparently Healthy African-Americans With a Family History of Early-Onset Coronary Artery Disease. <i>American Journal of Cardiology</i> , 2016, 118, 656-661.	1.6	24
54	Principles and Issues for Physical Frailty Measurement and Its Clinical Application. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1107-1112.	3.6	24

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55	The Relationship of Lean Body Mass With Aging to the Development of Diabetes. <i>Journal of the Endocrine Society</i> , 2020, 4, bvaa043.	0.2	24
56	Diabetes, hyperglycemia, and the burden of functional disability among older adults in a community-based study. <i>Journal of Diabetes</i> , 2017, 9, 76-84.	1.8	22
57	Rationale and design of the Study To Understand Fall Reduction and Vitamin D in You (STURDY): A randomized clinical trial of Vitamin D supplement doses for the prevention of falls in older adults. <i>Contemporary Clinical Trials</i> , 2018, 73, 111-122.	1.8	22
58	Heart Failure End Points in Cardiovascular Outcome Trials of Sodium Glucose Cotransporter 2 Inhibitors in Patients With Type 2 Diabetes Mellitus. <i>Circulation</i> , 2019, 140, 2108-2118.	1.6	22
59	Delayed Gastric Emptying (DGE) Following Total Pancreatectomy with Islet Auto Transplantation in Patients with Chronic Pancreatitis. <i>Journal of Gastrointestinal Surgery</i> , 2015, 19, 1256-1261.	1.7	21
60	Chronic Gastrointestinal Dysmotility and Pain Following Total Pancreatectomy with Islet Autotransplantation for Chronic Pancreatitis. <i>Journal of Gastrointestinal Surgery</i> , 2017, 21, 622-627.	1.7	21
61	Hyperglycemia is associated with relatively lower lean body mass in older adults. <i>Journal of Nutrition, Health and Aging</i> , 2014, 18, 737-43.	3.3	21
62	Comparative Effectiveness for Glycemic Control in Older Adults with Diabetes. <i>Current Geriatrics Reports</i> , 2017, 6, 175-186.	1.1	20
63	The relationship of health literacy to diabetes status differs by sex in older adults. <i>Journal of Diabetes and Its Complications</i> , 2018, 32, 368-372.	2.3	19
64	Evidence supports prediabetes treatment. <i>Science</i> , 2019, 364, 341-342.	12.6	18
65	Association of Serum Aldosterone and Plasma Renin Activity With Ambulatory Blood Pressure in African Americans: The Jackson Heart Study. <i>Circulation</i> , 2021, 143, 2355-2366.	1.6	17
66	The association of neighborhood characteristics with obesity and metabolic conditions in older women. <i>Journal of Nutrition, Health and Aging</i> , 2014, 18, 792-8.	3.3	17
67	Use of Preventive Aspirin Among Older US Adults With and Without Diabetes. <i>JAMA Network Open</i> , 2021, 4, e2112210.	5.9	16
68	Trends in Insulin Types and Devices Used by Adults With Type 2 Diabetes in the United States, 2016 to 2020. <i>JAMA Network Open</i> , 2021, 4, e2128782.	5.9	16
69	Diabetes, race, and functional limitations in older U.S. men and women. <i>Diabetes Research and Clinical Practice</i> , 2015, 108, 390-397.	2.8	15
70	Response to Comment on American Diabetes Association. Approaches to Glycemic Treatment. Sec. 7. In <i>Standards of Medical Care in Diabetes—2016</i> . <i>Diabetes Care</i> 2016;39(Suppl. 1):S52–S59. <i>Diabetes Care</i> , 2016, 39, e88-e89.	8.6	15
71	Mitochondrial DNA copy number and diabetes: the Atherosclerosis Risk in Communities (ARIC) study. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001204.	2.8	15
72	The relationship of fasting hyperglycemia to changes in fat and muscle mass after exercise training in type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2016, 122, 154-161.	2.8	14

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73	Physical Frailty Assessment in Older Women: Can Simplification Be Achieved Without Loss of Syndrome Measurement Validity?. American Journal of Epidemiology, 2016, 183, 1037-1044.	3.4	13
74	Sex Differences in the Association Between Insulin Resistance and Incident Coronary Heart Disease and Stroke Among Blacks Without Diabetes Mellitus: The Jackson Heart Study. Journal of the American Heart Association, 2017, 6, .	3.7	13
75	Diabetes, depressive symptoms, and functional disability in African Americans: the Jackson Heart Study. Journal of Diabetes and Its Complications, 2017, 31, 1259-1265.	2.3	13
76	Sex-Specific Differential in Risk of Diabetes-Related Macrovascular Outcomes. Current Diabetes Reports, 2015, 15, 85.	4.2	12
77	The Association of Life's Simple 7 with Aldosterone among African Americans in the Jackson Heart Study. Nutrients, 2019, 11, 955.	4.1	12
78	Sex Hormones and Measures of Kidney Function in the Diabetes Prevention Program Outcomes Study. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1171-1180.	3.6	12
79	Assessment of glycemia in diabetes mellitus: hemoglobin A1c. Journal of the Association of Physicians of India, The, 2005, 53, 299-305.	0.0	12
80	Fever and Petechial Rash Associated with Parvovirus B19 Infection. Clinical Pediatrics, 2006, 45, 275-280.	0.8	10
81	Comparison of Measures of Adiposity and Cardiovascular Disease Risk Factors Among African American Adults: the Jackson Heart Study. Journal of Racial and Ethnic Health Disparities, 2018, 5, 1230-1237.	3.2	10
82	Obesity Partially Mediates the Diabetogenic Effect of Lowering LDL Cholesterol. Diabetes Care, 2022, 45, 232-240.	8.6	10
83	Comparison of supine and seated orthostatic hypotension assessments and their association with falls and orthostatic symptoms. Journal of the American Geriatrics Society, 2022, 70, 2310-2319.	2.6	9
84	Abdominal Aortic Calcification Among Individuals With and Without Diabetes: The Jackson Heart Study. Diabetes Care, 2017, 40, e106-e107.	8.6	8
85	Diabetes and Platelet Response to Low-dose Aspirin. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 4599-4608.	3.6	8
86	How Does CREDESCENCE Inform Best Use of SGLT2 Inhibitors in CKD?. Clinical Journal of the American Society of Nephrology: CJASN, 2019, 14, 1667-1669.	4.5	8
87	Glycemic Markers and Subclinical Cardiovascular Disease: The Jackson Heart Study. Circulation: Cardiovascular Imaging, 2019, 12, e008641.	2.6	8
88	The Diabetes-Cardiovascular Connection in Women: Understanding the Known Risks, Outcomes, and Implications for Care. Current Diabetes Reports, 2022, 22, 11-25.	4.2	8
89	Effects of Vitamin D on Physical Function: Results From the STURDY Trial. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 1585-1592.	3.6	7
90	The Value of Rare Genetic Variation in the Prediction of Common Obesity in European Ancestry Populations. Frontiers in Endocrinology, 2022, 13, 863893.	3.5	7

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91	Cardiovascular Effects of Noninsulin, Glucose-Lowering Agents: Need for More Outcomes Data. <i>American Journal of Cardiology</i> , 2012, 110, 32B-42B.	1.6	6
92	Dipeptidyl peptidase-4 inhibitors and cardiovascular events in patients with type 2 diabetes, without cardiovascular or renal disease. <i>PLoS ONE</i> , 2020, 15, e0240141.	2.5	6
93	Aspirin for Primary Prevention of Cardiovascular Disease in Diabetes: a Review of the Evidence. <i>Current Diabetes Reports</i> , 2019, 19, 107.	4.2	5
94	Microbial Contamination, Infection, and Antimicrobial Use During Total Pancreatectomy With Islet Autotransplantation. <i>Pancreas</i> , 2019, 48, 1050-1055.	1.1	5
95	Plasma Soluble β -Klotho, Serum Fibroblast Growth Factor 23, and Mobility Disability in Community-Dwelling Older Adults. <i>Journal of the Endocrine Society</i> , 2020, 4, bvz032.	0.2	4
96	Adiposity Measures and Morning Serum Cortisol in African Americans: Jackson Heart Study. <i>Obesity</i> , 2021, 29, 418-427.	3.0	4
97	Why USPSTF Still Finds Insufficient Evidence to Support Screening for Vitamin D Deficiency. <i>JAMA Network Open</i> , 2021, 4, e213627.	5.9	4
98	Effects of Vitamin D Supplementation on Orthostatic Hypotension: Results From the STURDY Trial. <i>American Journal of Hypertension</i> , 2022, 35, 192-199.	2.0	4
99	Patient preferences and internet use for diabetes education differs by age. <i>Journal of Diabetes and Its Complications</i> , 2018, 32, 726-727.	2.3	3
100	Reducing CV risk in diabetes: An ADA update. <i>Journal of Family Practice</i> , 2017, 66, 300-308.	0.2	3
101	Rare coding variants in RCN3 are associated with blood pressure. <i>BMC Genomics</i> , 2022, 23, 148.	2.8	2
102	Testosterone and Physical Function. <i>Current Sexual Health Reports</i> , 2017, 9, 296-304.	0.8	1
103	The relationship of family history and risk of type 2 diabetes differs by ancestry. <i>Diabetes and Metabolism</i> , 2019, 45, 261-267.	2.9	1
104	Determinants of metabolic syndrome and type 2 diabetes in the absence of obesity: The Jackson Heart Study. <i>Journal of the Endocrine Society</i> , 2022, 6, bvac059.	0.2	1
105	Abstract P321: Insulin Resistance is Associated with Incident Coronary Heart Disease but Not Stroke Among African Americans: The Jackson Heart Study. <i>Circulation</i> , 2016, 133, .	1.6	0
106	Sleep-disordered breathing in pregnancy and glucose metabolism: is earlier detection better?. <i>Sleep</i> , 2022, , .	1.1	0