

# 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	Effects of Vitamin D Supplementation on Orthostatic Hypotension: Results From the STURDY Trial. American Journal of Hypertension, 2022, 35, 192-199.	2.0	4
2	Obesity Partially Mediates the Diabetogenic Effect of Lowering LDL Cholesterol. Diabetes Care, 2022, 45, 232-240.	8.6	10
3	Sleep-disordered breathing in pregnancy and glucose metabolism: is earlier detection better?. Sleep, 2022, , .	1.1	0
4	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
5	Rare coding variants in RCN3 are associated with blood pressure. BMC Genomics, 2022, 23, 148.	2.8	2
6	Determinants of metabolic syndrome and type 2 diabetes in the absence of obesity: The Jackson Heart Study. Journal of the Endocrine Society, 2022, 6, bvac059.	0.2	1
7	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
8	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
9	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
10	The Effects of Four Doses of Vitamin D Supplements on Falls in Older Adults. Annals of Internal Medicine, 2021, 174, 145-156.	3.9	47
11	Adiposity Measures and Morning Serum Cortisol in African Americans: Jackson Heart Study. Obesity, 2021, 29, 418-427.	3.0	4
12	Determinants of mental health outcomes among people with and without diabetes during the COVID-19 outbreak in the Arab Gulf Region. Journal of Diabetes, 2021, 13, 339-352.	1.8	29
13	Glucose-Lowering Drugs to Reduce Cardiovascular Risk in Type 2 Diabetes. New England Journal of Medicine, 2021, 384, 1248-1260.	27.0	60
14	Why USPSTF Still Finds Insufficient Evidence to Support Screening for Vitamin D Deficiency. JAMA Network Open, 2021, 4, e213627.	5.9	4
15	The trans-ancestral genomic architecture of glycemic traits. Nature Genetics, 2021, 53, 840-860.	21.4	341
16	Use of Preventive Aspirin Among Older US Adults With and Without Diabetes. JAMA Network Open, 2021, 4, e2112210.	5.9	16
17	Association of Serum Aldosterone and Plasma Renin Activity With Ambulatory Blood Pressure in African Americans: The Jackson Heart Study. Circulation, 2021, 143, 2355-2366.	1.6	17
18	Trends in Insulin Types and Devices Used by Adults With Type 2 Diabetes in the United States, 2016 to 2020. JAMA Network Open, 2021, 4, e2128782.	5.9	16

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19	Principles and Issues for Physical Frailty Measurement and Its Clinical Application. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1107-1112.	3.6	24
20	Association of cerebrovascular reactivity and Alzheimer pathologic markers with cognitive performance. Neurology, 2020, 95, e962-e972.	1.1	39
21	2020 Expert Consensus Decision Pathway on Novel Therapies for Cardiovascular Risk Reduction in Patients With Type 2 Diabetes. Journal of the American College of Cardiology, 2020, 76, 1117-1145.	2.8	276
22	Mitochondrial DNA copy number and diabetes: the Atherosclerosis Risk in Communities (ARIC) study. BMJ Open Diabetes Research and Care, 2020, 8, e001204.	2.8	15
23	Plasma Soluble $\beta$ -Klotho, Serum Fibroblast Growth Factor 23, and Mobility Disability in Community-Dwelling Older Adults. Journal of the Endocrine Society, 2020, 4, bvz032.	0.2	4
24	The Relationship of Lean Body Mass With Aging to the Development of Diabetes. Journal of the Endocrine Society, 2020, 4, bvaa043.	0.2	24
25	Dipeptidyl peptidase-4 inhibitors and cardiovascular events in patients with type 2 diabetes, without cardiovascular or renal disease. PLoS ONE, 2020, 15, e0240141.	2.5	6
26	The relationship of family history and risk of type 2 diabetes differs by ancestry. Diabetes and Metabolism, 2019, 45, 261-267.	2.9	1
27	Primary Prevention of ASCVD and T2DM in Patients at Metabolic Risk: An Endocrine Society* Clinical Practice Guideline. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 3939-3985.	3.6	42
28	Regression From Prediabetes to Normal Glucose Regulation and Prevalence of Microvascular Disease in the Diabetes Prevention Program Outcomes Study (DPPOS). Diabetes Care, 2019, 42, 1809-1815.	8.6	61
29	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
30	Aspirin for Primary Prevention of Cardiovascular Disease in Diabetes: a Review of the Evidence. Current Diabetes Reports, 2019, 19, 107.	4.2	5
31	Leveraging linkage evidence to identify low-frequency and rare variants on 16p13 associated with blood pressure using TOPMed whole genome sequencing data. Human Genetics, 2019, 138, 199-210.	3.8	29
32	The Association of Life's Simple 7 with Aldosterone among African Americans in the Jackson Heart Study. Nutrients, 2019, 11, 955.	4.1	12
33	Evidence supports prediabetes treatment. Science, 2019, 364, 341-342.	12.6	18
34	Glycemic Markers and Subclinical Cardiovascular Disease: The Jackson Heart Study. Circulation: Cardiovascular Imaging, 2019, 12, e008641.	2.6	8
35	Body composition changes in diabetes and aging. Journal of Diabetes and Its Complications, 2019, 33, 451-459.	2.3	76
36	Long-Term Weight Loss With Metformin or Lifestyle Intervention in the Diabetes Prevention Program Outcomes Study. Annals of Internal Medicine, 2019, 170, 682.	3.9	92

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37	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
38	Microbial Contamination, Infection, and Antimicrobial Use During Total Pancreatectomy With Islet Autotransplantation. <i>Pancreas</i> , 2019, 48, 1050-1055.	1.1	5
39	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
40	Sex Hormones and Measures of Kidney Function in the Diabetes Prevention Program Outcomes Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 1171-1180.	3.6	12
41	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
42	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
43	Comparison of Measures of Adiposity and Cardiovascular Disease Risk Factors Among African American Adults: the Jackson Heart Study. <i>Journal of Racial and Ethnic Health Disparities</i> , 2018, 5, 1230-1237.	3.2	10
44	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
45	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
46	Diabetes and Platelet Response to Low-dose Aspirin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 4599-4608.	3.6	8
47	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
48	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
49	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
50	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
51	Hemoglobin A1c and Mortality in Older Adults With and Without Diabetes: Results From the National Health and Nutrition Examination Surveys (1988-2011). <i>Diabetes Care</i> , 2017, 40, 453-460.	8.6	84
52	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
53	Sex Differences in the Association Between Insulin Resistance and Incident Coronary Heart Disease and Stroke Among Blacks Without Diabetes Mellitus: The Jackson Heart Study. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	13
54	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

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55	Individual Frailty Components and Mortality in Kidney Transplant Recipients. <i>Transplantation</i> , 2017, 101, 2126-2132.	1.0	120
56	Abdominal Aortic Calcification Among Individuals With and Without Diabetes: The Jackson Heart Study. <i>Diabetes Care</i> , 2017, 40, e106-e107.	8.6	8
57	Diabetes, depressive symptoms, and functional disability in African Americans: the Jackson Heart Study. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 1259-1265.	2.3	13
58	Diabetes and Aging: Unique Considerations and Goals of Care. <i>Diabetes Care</i> , 2017, 40, 440-443.	8.6	146
59	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
60	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
61	Aldosterone, Renin, Cardiovascular Events, and All-Cause Mortality Among African Americans. <i>JACC: Heart Failure</i> , 2017, 5, 642-651.	4.1	28
62	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
63	Comparative Effectiveness for Glycemic Control in Older Adults with Diabetes. <i>Current Geriatrics Reports</i> , 2017, 6, 175-186.	1.1	20
64	Testosterone and Physical Function. <i>Current Sexual Health Reports</i> , 2017, 9, 296-304.	0.8	1
65	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
66	Response to Comment on American Diabetes Association. <i>Standards of Medical Care in Diabetes—2017</i>. <i>Diabetes Care</i> 2017;40(Suppl. 1):S116–S135. <i>Diabetes Care</i> , 2017, 40, e94-e95.	8.6	86
67	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
68	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
69	Reducing CV risk in diabetes: An ADA update. <i>Journal of Family Practice</i> , 2017, 66, 300-308.	0.2	3
70	Physical Frailty Assessment in Older Women: Can Simplification Be Achieved Without Loss of Syndrome Measurement Validity?. <i>American Journal of Epidemiology</i> , 2016, 183, 1037-1044.	3.4	13
71	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
72	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

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73	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
74	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
75	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
76	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
77	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
78	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
79	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
80	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
81	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
82	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
83	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
84	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
85	Characterization of Vestibulopathy in Individuals with Type 2 Diabetes Mellitus. <i>Otolaryngology - Head and Neck Surgery</i> , 2015, 153, 112-118.	1.9	45
86	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
87	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
88	Sex-Specific Differential in Risk of Diabetes-Related Macrovascular Outcomes. <i>Current Diabetes Reports</i> , 2015, 15, 85.	4.2	12
89	Hyperglycemia Predicts Persistently Lower Muscle Strength With Aging. <i>Diabetes Care</i> , 2015, 38, 82-90.	8.6	166
90	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

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91	Hyperglycemia is associated with relatively lower lean body mass in older adults. Journal of Nutrition, Health and Aging, 2014, 18, 737-43.	3.3	21
92	The association of neighborhood characteristics with obesity and metabolic conditions in older women. Journal of Nutrition, Health and Aging, 2014, 18, 792-8.	3.3	17
93	Epidemiology of Diabetes and Diabetes Complications in the Elderly: An Emerging Public Health Burden. Current Diabetes Reports, 2013, 13, 805-813.	4.2	152
94	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. Journal of the American Geriatrics Society, 2013, 61, 769-775.	2.6	117
95	Glucose and Insulin Measurements From the Oral Glucose Tolerance Test and Relationship to Muscle Mass. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2012, 67A, 74-81.	3.6	64
96	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?. American Journal of Epidemiology, 2012, 176, 534-543.	3.4	70
97	Hyperglycemia and Incidence of Frailty and Lower Extremity Mobility Limitations in Older Women. Journal of the American Geriatrics Society, 2012, 60, 1701-1707.	2.6	113
98	Cardiovascular Effects of Noninsulin, Glucose-Lowering Agents: Need for More Outcomes Data. American Journal of Cardiology, 2012, 110, 32B-42B.	1.6	6
99	Frailty status and altered dynamics of circulating energy metabolism hormones after oral glucose in older women. Journal of Nutrition, Health and Aging, 2012, 16, 679-686.	3.3	40
100	Vitamin D Treatment for the Prevention of Falls in Older Adults: Systematic Review and Meta-Analysis. Journal of the American Geriatrics Society, 2010, 58, 1299-1310.	2.6	195
101	Association of Diabetes, Comorbidities, and A1C With Functional Disability in Older Adults. Diabetes Care, 2010, 33, 1055-1060.	8.6	282
102	Androgen deficiency, diabetes, and the metabolic syndrome in men. Current Opinion in Endocrinology, Diabetes and Obesity, 2007, 14, 226-234.	2.3	142
103	Male Hypogonadism in Systemic Disease. Endocrinology and Metabolism Clinics of North America, 2007, 36, 333-348.	3.2	114
104	Fever and Petechial Rash Associated with Parvovirus B19 Infection. Clinical Pediatrics, 2006, 45, 275-280.	0.8	10
105	Assessing Glycemia in Diabetes Using Self-monitoring Blood Glucose and Hemoglobin A <sub>1c</sub> . JAMA - Journal of the American Medical Association, 2006, 295, 1688.	7.4	300
106	Assessment of glycemia in diabetes mellitus: hemoglobin A <sub>1c</sub> . Journal of the Association of Physicians of India, The, 2005, 53, 299-305.	0.0	12