

# Ashok Balasubramanyam

## List of Publications by Year in descending order

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98  
papers

2,882  
citations

201385

27  
h-index

189595

50  
g-index

101  
all docs

101  
docs citations

101  
times ranked

3232  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ketosis-Prone Diabetes: Dissection of a Heterogeneous Syndrome Using an Immunogenetic and $\beta$ -Cell Functional Classification, Prospective Analysis, and Clinical Outcomes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 5090-5098.	1.8	201
2	Syndromes of Ketosis-Prone Diabetes Mellitus. <i>Endocrine Reviews</i> , 2008, 29, 292-302.	8.9	151
3	Accuracy and Predictive Value of Classification Schemes for Ketosis-Prone Diabetes. <i>Diabetes Care</i> , 2006, 29, 2575-2579.	4.3	137
4	The Role of the Immune System in Obesity and Insulin Resistance. <i>Journal of Obesity</i> , 2013, 2013, 1-9.	1.1	135
5	New Profiles of Diabetic Ketoacidosis. <i>Archives of Internal Medicine</i> , 1999, 159, 2317-22.	4.3	128
6	Metabolic basis of HIV-lipodystrophy syndrome. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 283, E332-E337.	1.8	119
7	Human adipose tissue as a reservoir for memory CD4+ T cells and HIV. <i>Aids</i> , 2015, 29, 667-674.	1.0	112
8	Economic Impact of Diabetic Ketoacidosis in a Multiethnic Indigent Population: Analysis of costs based on the precipitating cause. <i>Diabetes Care</i> , 2003, 26, 1265-1269.	4.3	108
9	A recurrent p.Arg92Trp variant in steroidogenic factor-1 (NR5A1) can act as a molecular switch in human sex development. <i>Human Molecular Genetics</i> , 2016, 25, 3446-3453.	1.4	90
10	The clinical consequences of heterogeneity within and between different diabetes types. <i>Diabetologia</i> , 2020, 63, 2040-2048.	2.9	86
11	Dysregulation of glucose metabolism in HIV patients: epidemiology, mechanisms, and management. <i>Endocrine</i> , 2012, 41, 1-10.	1.1	67
12	Association of Intensive Lifestyle Intervention, Fitness, and Body Mass Index With Risk of Heart Failure in Overweight or Obese Adults With Type 2 Diabetes Mellitus. <i>Circulation</i> , 2020, 141, 1295-1306.	1.6	67
13	Pathophysiology of dyslipidemia and increased cardiovascular risk in HIV lipodystrophy: a model of "systemic steatosis". <i>Current Opinion in Lipidology</i> , 2004, 15, 59-67.	1.2	64
14	HIV-1 Vpr Induces Adipose Dysfunction in Vivo Through Reciprocal Effects on PPAR/GR Co-Regulation. <i>Science Translational Medicine</i> , 2013, 5, 213ra164.	5.8	60
15	Rise of Plasma Ghrelin With Weight Loss is Not Sustained During Weight Maintenance. <i>Obesity</i> , 2006, 14, 1716-1723.	1.5	54
16	Combination of Niacin and Fenofibrate with Lifestyle Changes Improves Dyslipidemia and Hypoadiponectinemia in HIV Patients on Antiretroviral Therapy: Results of "Heart Positive," a Randomized, Controlled Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 2236-2247.	1.8	53
17	Pathogenesis of $\beta$ -Ketosis-Prone Diabetes. <i>Diabetes</i> , 2013, 62, 912-922.	0.3	53
18	Severely dysregulated disposal of postprandial triacylglycerols exacerbates hypertriacylglycerolemia in HIV lipodystrophy syndrome. <i>American Journal of Clinical Nutrition</i> , 2005, 81, 1405-1410.	2.2	49

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19	Presence or absence of a known diabetic ketoacidosis precipitant defines distinct syndromes of $\beta$ -ketosis-prone diabetes based on long-term $\beta$ -cell function, human leukocyte antigen class II alleles, and sex predilection. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 1448-1455.	1.5	46
20	Infectious SIV resides in adipose tissue and induces metabolic defects in chronically infected rhesus macaques. <i>Retrovirology</i> , 2016, 13, 30.	0.9	46
21	Myotonic dystrophy protein kinase (DMPK) induces actin cytoskeletal reorganization and apoptotic-like blebbing in lens cells. <i>Cytoskeleton</i> , 2000, 45, 133-148.	4.4	45
22	Adipocytes impair efficacy of antiretroviral therapy. <i>Antiviral Research</i> , 2018, 154, 140-148.	1.9	44
23	Effectiveness of a Group-Based Culturally Tailored Lifestyle Intervention Program on Changes in Risk Factors for Type 2 Diabetes among Asian Indians in the United States. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-13.	1.0	39
24	Types of pediatric diabetes mellitus defined by anti-islet autoimmunity and random C-peptide at diagnosis. <i>Pediatric Diabetes</i> , 2013, 14, 333-340.	1.2	33
25	Improved Outcomes in Indigent Patients with Ketosis-Prone Diabetes: Effect of a Dedicated Diabetes Treatment Unit. <i>Endocrine Practice</i> , 2003, 9, 26-32.	1.1	32
26	Association of <i>TCF7L2</i> variation with single islet autoantibody expression in children with type 1 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2014, 2, e000008.	1.2	31
27	A-Subtype of Ketosis-Prone Diabetes Is Not Predominantly a Monogenic Diabetic Syndrome. <i>Diabetes Care</i> , 2009, 32, 873-877.	4.3	30
28	Altered relationship of plasma triglycerides to HDL cholesterol in patients with HIV/HAART-associated dyslipidemia: Further evidence for a unique form of Metabolic Syndrome in HIV patients. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 1014-1020.	1.5	29
29	Islet-Specific T-Cell Responses and Proinflammatory Monocytes Define Subtypes of Autoantibody-Negative Ketosis-Prone Diabetes. <i>Diabetes Care</i> , 2013, 36, 4098-4103.	4.3	28
30	Short- and Long-Term Effects of Growth Hormone (GH) Replacement on Protein Metabolism in GH-Deficient Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 5827-5833.	1.8	27
31	Dysregulated Energy Expenditure in HIV-Infected Patients: A Mechanistic Review. <i>Clinical Infectious Diseases</i> , 2007, 44, 1509-1517.	2.9	27
32	HIV-1 viral protein R (Vpr) induces fatty liver in mice via $LXR$ and $PPAR$ dysregulation: implications for HIV-specific pathogenesis of NAFLD. <i>Scientific Reports</i> , 2017, 7, 13362.	1.6	27
33	Effects of transgenic expression of HIV-1 Vpr on lipid and energy metabolism in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E40-E48.	1.8	26
34	Improving Adiponectin Levels in Individuals With Diabetes and Obesity: Insights From Look AHEAD. <i>Diabetes Care</i> , 2015, 38, 1544-1550.	4.3	25
35	Association of Amino-Terminal-Specific Antiglucuronate Decarboxylase (GAD65) Autoantibodies with $\beta$ -Cell Functional Reserve and a Milder Clinical Phenotype in Patients with GAD65 Antibodies and Ketosis-Prone Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 462-467.	1.8	24
36	Impaired Lipoprotein Processing in HIV Patients on Antiretroviral Therapy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1714-1721.	1.1	23

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37	Presence of the metabolic syndrome distinguishes patients with ketosis-prone diabetes who have a Type 2 diabetic phenotype. <i>Journal of Diabetes and Its Complications</i> , 2005, 19, 313-318.	1.2	22
38	Type 2 Diabetes Subgroups, Risk for Complications, and Differential Effects Due to an Intensive Lifestyle Intervention. <i>Diabetes Care</i> , 2021, 44, 1203-1210.	4.3	22
39	Physiologic growth hormone replacement improves fasting lipid kinetics in patients with HIV lipodystrophy syndrome. <i>American Journal of Clinical Nutrition</i> , 2006, 84, 204-211.	2.2	21
40	Intensive Lifestyle Modification Reduces Lp-PLA2 in Dyslipidemic HIV/HAART Patients. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 1043-1050.	0.2	21
41	Type 2 diabetes in prepubertal children. <i>Pediatric Diabetes</i> , 2021, 22, 946-950.	1.2	21
42	HLA Class II Alleles Specify Phenotypes of Ketosis-Prone Diabetes. <i>Diabetes Care</i> , 2008, 31, 1195-1200.	4.3	20
43	Ethnic Differences in $\beta$ -Cell Functional Reserve and Clinical Features in Patients With Ketosis-Prone Diabetes. <i>Diabetes Care</i> , 2003, 26, 2469-2469.	4.3	18
44	Cardiovascular implications of HIV-associated dyslipidemic lipodystrophy. <i>Current Atherosclerosis Reports</i> , 2004, 6, 173-179.	2.0	18
45	Heart positive: Design of a randomized controlled clinical trial of intensive lifestyle intervention, niacin and fenofibrate for HIV lipodystrophy/dyslipidemia. <i>Contemporary Clinical Trials</i> , 2006, 27, 518-530.	0.8	18
46	HIV-associated adipose redistribution syndrome (HARS): etiology and pathophysiological mechanisms. <i>AIDS Research and Therapy</i> , 2007, 4, 14.	0.7	18
47	Skeletal muscle and organ masses differ in overweight adults with type 2 diabetes. <i>Journal of Applied Physiology</i> , 2014, 117, 377-382.	1.2	18
48	Islet autoantibody positivity in overweight and obese adults with type 2 diabetes. <i>Autoimmunity</i> , 2018, 51, 408-416.	1.2	18
49	Factors associated with early relapse to insulin dependence in unprovoked $A\beta^{2+}$ ketosis-prone diabetes. <i>Journal of Diabetes and Its Complications</i> , 2015, 29, 918-922.	1.2	16
50	Glucose level decline precedes dementia in elderly African Americans with diabetes. <i>Alzheimer's and Dementia</i> , 2017, 13, 111-118.	0.4	16
51	Arginine Metabolism Is Altered in Adults with $A\beta^{2+}$ Ketosis-Prone Diabetes. <i>Journal of Nutrition</i> , 2018, 148, 185-193.	1.3	16
52	Association of Baseline Characteristics With Insulin Sensitivity and $\beta$ -Cell Function in the Glycemia Reduction Approaches in Diabetes: A Comparative Effectiveness (GRADE) Study Cohort. <i>Diabetes Care</i> , 2021, 44, 340-349.	4.3	16
53	Lymphocytes upregulate CD36 in adipose tissue and liver. <i>Adipocyte</i> , 2019, 8, 154-163.	1.3	15
54	Genetic testing in ambulatory cardiology clinics reveals high rate of findings with clinical management implications. <i>Genetics in Medicine</i> , 2021, 23, 2404-2414.	1.1	14

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55	HIV-1 Vpr Enhances PPAR $\alpha$ -Mediated Transcription, Increases PDK4 Expression, and Reduces PDC Activity. <i>Molecular Endocrinology</i> , 2013, 27, 1564-1576.	3.7	11
56	Islet Autoimmunity Is Highly Prevalent and Associated With Diminished $\beta$ -Cell Function in Patients With Type 2 Diabetes in the GRADE Study. <i>Diabetes</i> , 2022, 71, 1261-1271.	0.3	11
57	A common variant in the <i>CLDN7/ELP5</i> locus predicts adiponectin change with lifestyle intervention and improved fitness in obese individuals with diabetes. <i>Physiological Genomics</i> , 2015, 47, 215-224.	1.0	10
58	Evaluation and management of ketosis-prone diabetes. <i>Expert Review of Endocrinology and Metabolism</i> , 2019, 14, 43-48.	1.2	10
59	High Frequency of Serious Infections in Patients with Panhypopituitarism: A Case-Control Study. <i>Clinical Infectious Diseases</i> , 2001, 32, 153-158.	2.9	9
60	Elevated unmethylated and methylated insulin DNA are unique markers of A + $\beta$ + ketosis prone diabetes. <i>Journal of Diabetes and Its Complications</i> , 2018, 32, 193-195.	1.2	9
61	Defining and Classifying New Subgroups of Diabetes. <i>Annual Review of Medicine</i> , 2021, 72, 63-74.	5.0	9
62	Proteolysis of mature HIV-1 p6 Gag protein by the insulin-degrading enzyme (IDE) regulates virus replication in an Env-dependent manner. <i>PLoS ONE</i> , 2017, 12, e0174254.	1.1	9
63	Relationship of ethnicity and CD4 Count with glucose metabolism among HIV patients on Highly-Active Antiretroviral Therapy (HAART). <i>BMC Endocrine Disorders</i> , 2013, 13, 13.	0.9	8
64	Characteristics Of Patients With Ketosis-Prone Diabetes (Kpd) Presenting With Acute Pancreatitis: Implications For The Natural History And Etiology Of A Kpd Subgroup. <i>Endocrine Practice</i> , 2013, 19, 243-251.	1.1	8
65	Autoantibodies to the IA-2 Extracellular Domain Refine the Definition of $\beta$ -Subtypes of Ketosis-Prone Diabetes. <i>Diabetes Care</i> , 2018, 41, 2637-2640.	4.3	8
66	Metabolomics Profiling of Patients With A $\beta$ Ketosis-Prone Diabetes During Diabetic Ketoacidosis. <i>Diabetes</i> , 2021, 70, 1898-1909.	0.3	8
67	Toward an Improved Classification of Type 2 Diabetes: Lessons From Research into the Heterogeneity of a Complex Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e4822-e4833.	1.8	8
68	Mentored implementation to initiate a diabetes program in an underserved community: a pilot study. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e002320.	1.2	8
69	Long-Term Effectiveness of the TIME Intervention to Improve Diabetes Outcomes in Low-Income Settings: a 2-Year Follow-Up. <i>Journal of General Internal Medicine</i> , 2022, 37, 3062-3069.	1.3	8
70	Treatment of dyslipidemia in HIV-infected patients. <i>Expert Opinion on Pharmacotherapy</i> , 2010, 11, 1845-1854.	0.9	7
71	Pyruvate Dehydrogenase Activity Is Decreased in Emergency Department Patients With Diabetic Ketoacidosis. <i>Academic Emergency Medicine</i> , 2016, 23, 685-689.	0.8	6
72	Exome sequencing in children with clinically suspected $\beta$ -onset diabetes of the young. <i>Pediatric Diabetes</i> , 2021, 22, 960-968.	1.2	6

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73	Changes of glucose levels precede dementia in African-Americans with diabetes but not in Caucasians. , 2018, 14, 1572-1579.		5
74	Heightened levels of plasma growth differentiation factor 15 in men living with HIV. Physiological Reports, 2022, 10, e15293.	0.7	5
75	Rationale and Design for a GRADE Substudy of Continuous Glucose Monitoring. Diabetes Technology and Therapeutics, 2019, 21, 682-690.	2.4	4
76	The Effect of Ethnicity in the Rate of Beta-Cell Functional Loss in the First 3 Years After Type 1 Diabetes Diagnosis. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e4393-e4406.	1.8	4
77	Cardiovascular Event Prevention in the Person With Type 2 Diabetes. The Diabetes Educator, 2006, 32, 163S-173S.	2.6	3
78	Effects of visceral adipose tissue reduction on CVD risk factors independent of weight loss: The Look AHEAD study. Endocrine Research, 2017, 42, 86-95.	0.6	3
79	The Malnourished Heart: An Unusual Case of Heart Failure. American Journal of Medicine, 2017, 130, e297-e298.	0.6	3
80	Islet autoantibody <scp>types mark</scp> differential clinical characteristics at diagnosis of pediatric type 1 diabetes. Pediatric Diabetes, 2021, 22, 882-888.	1.2	3
81	HIV-1 Viral Protein R Couples Metabolic Inflexibility With White Adipose Tissue Thermogenesis. Diabetes, 2021, 70, 2014-2025.	0.3	3
82	The cross-sectional association of cognition with diabetic peripheral and autonomic neuropathyâ€”The GRADE study. Journal of Diabetes and Its Complications, 2021, 35, 108047.	1.2	3
83	Covid-19: A new cause of â€œprovokedâ€•A <sup>1</sup> 2+ Ketosis-Prone Diabetes. Journal of Diabetes and Its Complications, 2022, 36, 108147.	1.2	3
84	Mechanistic Investigation of GHS-R Mediated Glucose-Stimulated Insulin Secretion in Pancreatic Islets. Biomolecules, 2022, 12, 407.	1.8	3
85	Optimizing maturityâ€™onset diabetes of the young detection in a pediatric diabetes population. Pediatric Diabetes, 2022, 23, 447-456.	1.2	3
86	HIV-associated lipodystrophy syndrome: an accelerated form of the metabolic syndrome of insulin resistance due to altered fat distribution. Research Initiative, Treatment Action: RITA, 2006, 12, 5-11.	0.1	2
87	Pancreatic Differentiation of Stem Cells Reveals Pathogenesis of a Syndrome of Ketosis-Prone Diabetes. Diabetes, 2021, 70, 2419-2429.	0.3	1
88	Abstract 16: Association of Baseline & Longitudinal Changes in Fitness & Body Mass Index With Risk of Heart Failure in Individuals With Type 2 Diabetes Mellitus: An Analysis From the Look Ahead Trial. Circulation, 2020, 141, .	1.6	1
89	Special Patient Populations: HIV Patients. , 2009, , 519-529.		1
90	SYNDROMES OF KETOSIS-PRONE DIABETES. Transactions of the American Clinical and Climatological Association, 2019, 130, 145-155.	0.9	1

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91	Health outcomes beyond glucose control. American Journal of Managed Care, 2006, 12, S382-91.	0.8	1
92	Abstract 009: Differential Effect Of An Intensive Lifestyle Intervention On Risk For Cardiovascular Events According To Baseline Level Of Glycated Hemoglobin. Circulation, 2022, 145, .	1.6	1
93	The villain with a thousand faces. Journal of Diabetes and Its Complications, 2014, 28, 434-435.	1.2	0
94	P368: Decline in Glucose Levels Precedes Dementia in Elderly African Americans with Diabetes. Alzheimer's and Dementia, 2016, 12, P990.	0.4	0
95	Response to Comment on Mulukutla et al. Autoantibodies to the IA-2 Extracellular Domain Refine the Definition of "Subtypes of Ketosis-Prone Diabetes. Diabetes Care 2018;41:2637-2640. Diabetes Care, 4.3 2019, 42, e82-e83.		0
96	Serum Branch Chain Amino Acids (BCAAs) Are Elevated Due to Decreased Catabolism in Patients With Ketosis-Prone Diabetes at the Time of Presentation With DKA. Journal of the Endocrine Society, 2021, 5, A430-A430.	0.1	0
97	Monocytes stimulate replication of human subcutaneous preadipocytes and reduce adipocyte differentiation. FASEB Journal, 2008, 22, 948.15.	0.2	0
98	Novel syndromes of ketosis-prone diabetes: implications for management and medical economics. Managed Care, 2004, 13, 7-10; discussion 19-21.	0.3	0