

David Aguilar

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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|--------------------|-------------------------|----------------|-----------------|
| 105 papers | 5,299 citations | 34 h-index | 71 g-index |
| 123 ext. papers | 6,745 ext. citations | 7.6 avg, IF | 5.11 L-index |

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 105 | The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016 , 536, 41-47 | 50.4 | 704 |
| 104 | Impact of noncardiac comorbidities on morbidity and mortality in a predominantly male population with heart failure and preserved versus reduced ejection fraction. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 998-1005 | 15.1 | 455 |
| 103 | Effect of transendocardial delivery of autologous bone marrow mononuclear cells on functional capacity, left ventricular function, and perfusion in chronic heart failure: the FOCUS-CCTRN trial. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 307, 1717-26 | 27.4 | 338 |
| 102 | Effect of intracoronary delivery of autologous bone marrow mononuclear cells 2 to 3 weeks following acute myocardial infarction on left ventricular function: the LateTIME randomized trial. <i>JAMA - Journal of the American Medical Association</i> , 2011 , 306, 2110-9 | 27.4 | 314 |
| 101 | Effect of the use and timing of bone marrow mononuclear cell delivery on left ventricular function after acute myocardial infarction: the TIME randomized trial. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 308, 2380-9 | 27.4 | 295 |
| 100 | Type 2 Diabetes Mellitus and Heart Failure: A Scientific Statement From the American Heart Association and the Heart Failure Society of America: This statement does not represent an update of the 2017 ACC/AHA/HFSA heart failure guideline update. <i>Circulation</i> , 2019 , 140, e294-e324 | 16.7 | 168 |
| 99 | Newly diagnosed and previously known diabetes mellitus and 1-year outcomes of acute myocardial infarction: the VALsartan In Acute myocardial iNfarcTion (VALIANT) trial. <i>Circulation</i> , 2004 , 110, 1572-8 | 16.7 | 167 |
| 98 | Contributory Risk and Management of Comorbidities of Hypertension, Obesity, Diabetes Mellitus, Hyperlipidemia, and Metabolic Syndrome in Chronic Heart Failure: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2016 , 134, e535-e578 | 16.7 | 164 |
| 97 | Diabetes, left ventricular systolic dysfunction, and chronic heart failure. <i>European Heart Journal</i> , 2008 , 29, 1224-40 | 9.5 | 152 |
| 96 | Relationship of hemoglobin A1C and mortality in heart failure patients with diabetes. <i>Journal of the American College of Cardiology</i> , 2009 , 54, 422-8 | 15.1 | 144 |
| 95 | Metformin use and mortality in ambulatory patients with diabetes and heart failure. <i>Circulation: Heart Failure</i> , 2011 , 4, 53-8 | 7.6 | 137 |
| 94 | Evidence of autochthonous Chagas disease in southeastern Texas. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015 , 92, 325-30 | 3.2 | 87 |
| 93 | The potential effects of anti-diabetic medications on myocardial ischemia-reperfusion injury. <i>Basic Research in Cardiology</i> , 2011 , 106, 925-52 | 11.8 | 81 |
| 92 | Dramatic reversal of derangements in muscle metabolism and left ventricular function after bariatric surgery. <i>American Journal of Medicine</i> , 2008 , 121, 966-73 | 2.4 | 75 |
| 91 | Rationale, design, and baseline characteristics in Evaluation of LIXisenatide in Acute Coronary Syndrome, a long-term cardiovascular end point trial of lixisenatide versus placebo. <i>American Heart Journal</i> , 2015 , 169, 631-638.e7 | 4.9 | 72 |
| 90 | Clinical uses of low-molecular-weight heparins. <i>Chest</i> , 1999 , 115, 1418-23 | 5.3 | 71 |
| 89 | Troponin T and N-terminal pro-B-type natriuretic peptide: a biomarker approach to predict heart failure risk--the atherosclerosis risk in communities study. <i>Clinical Chemistry</i> , 2013 , 59, 1802-10 | 5.5 | 69 |

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|----|---|------|----|
| 88 | Alcohol consumption and risk of heart failure: the Atherosclerosis Risk in Communities Study. <i>European Heart Journal</i> , 2015 , 36, 939-45 | 9.5 | 62 |
| 87 | A prospective echocardiographic evaluation of pulmonary hypertension in chronic hemodialysis patients in the United States: prevalence and clinical significance. <i>International Journal of General Medicine</i> , 2010 , 3, 279-86 | 2.3 | 62 |
| 86 | Correlates of Segmental Pulse Wave Velocity in Older Adults: The Atherosclerosis Risk in Communities (ARIC) Study. <i>American Journal of Hypertension</i> , 2016 , 29, 114-22 | 2.3 | 61 |
| 85 | Association of plasma free fatty acids and left ventricular diastolic function in patients with clinically severe obesity. <i>American Journal of Clinical Nutrition</i> , 2006 , 84, 336-341 | 7 | 61 |
| 84 | Associations between metabolomic compounds and incident heart failure among African Americans: the ARIC Study. <i>American Journal of Epidemiology</i> , 2013 , 178, 534-42 | 3.8 | 60 |
| 83 | Alcohol consumption and prognosis in patients with left ventricular systolic dysfunction after a myocardial infarction. <i>Journal of the American College of Cardiology</i> , 2004 , 43, 2015-21 | 15.1 | 60 |
| 82 | Comparison of patients with heart failure and preserved left ventricular ejection fraction among those with versus without diabetes mellitus. <i>American Journal of Cardiology</i> , 2010 , 105, 373-7 | 3 | 58 |
| 81 | 2022 AHA/ACC/HFSA Guideline for the Management of Heart Failure: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines.. <i>Journal of the American College of Cardiology</i> , 2022 , | 15.1 | 49 |
| 80 | Cardiac structure and function across the glycemic spectrum in elderly men and women free of prevalent heart disease: the Atherosclerosis Risk In the Community study. <i>Circulation: Heart Failure</i> , 2015 , 8, 448-54 | 7.6 | 47 |
| 79 | Insulin resistance and incident heart failure the ARIC study (Atherosclerosis Risk in Communities). <i>JACC: Heart Failure</i> , 2013 , 1, 531-6 | 7.9 | 44 |
| 78 | Reduction in BNP levels with treatment of decompensated heart failure and future clinical events. <i>Journal of Cardiac Failure</i> , 2009 , 15, 293-9 | 3.3 | 44 |
| 77 | Improvements in systemic metabolism, anthropometrics, and left ventricular geometry 3 months after bariatric surgery. <i>Surgery for Obesity and Related Diseases</i> , 2006 , 2, 592-9 | 3 | 44 |
| 76 | Association of Weight and Body Composition on Cardiac Structure and Function in the ARIC Study (Atherosclerosis Risk in Communities). <i>Circulation: Heart Failure</i> , 2016 , 9, | 7.6 | 43 |
| 75 | Association of systolic blood pressure with mortality in patients with heart failure with reduced ejection fraction: a complex relationship. <i>American Heart Journal</i> , 2011 , 161, 567-73 | 4.9 | 43 |
| 74 | Historical Perspectives on the Epidemiology of Human Chagas Disease in Texas and Recommendations for Enhanced Understanding of Clinical Chagas Disease in the Southern United States. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003981 | 4.8 | 37 |
| 73 | Patients with severe chronic kidney disease benefit from early revascularization after acute coronary syndrome. <i>International Journal of Cardiology</i> , 2013 , 168, 3741-6 | 3.2 | 35 |
| 72 | 2022 AHA/ACC/HFSA Guideline for the Management of Heart Failure: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines.. <i>Circulation</i> , 2022 , 101161CIR0000000000001063 | 16.7 | 35 |
| 71 | Likely Autochthonous Transmission of <i>Trypanosoma cruzi</i> to Humans, South Central Texas, USA. <i>Emerging Infectious Diseases</i> , 2017 , 23, 500-503 | 10.2 | 32 |

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|----|---|------|----|
| 70 | Plasma galectin-3 levels are associated with the risk of incident chronic kidney disease. <i>Kidney International</i> , 2018 , 93, 252-259 | 9.9 | 32 |
| 69 | Natriuretic Peptide and High-Sensitivity Troponin for Cardiovascular Risk Prediction in Diabetes: The Atherosclerosis Risk in Communities (ARIC) Study. <i>Diabetes Care</i> , 2016 , 39, 677-85 | 14.6 | 32 |
| 68 | Heart failure risk across the spectrum of ankle-brachial index: the ARIC study (Atherosclerosis Risk In Communities). <i>JACC: Heart Failure</i> , 2014 , 2, 447-54 | 7.9 | 32 |
| 67 | Metabolic syndrome, C-reactive protein, and prognosis in patients with established coronary artery disease. <i>American Heart Journal</i> , 2006 , 152, 298-304 | 4.9 | 32 |
| 66 | Association of plasma free fatty acids and left ventricular diastolic function in patients with clinically severe obesity. <i>American Journal of Clinical Nutrition</i> , 2006 , 84, 336-41 | 7 | 31 |
| 65 | Type 2 Diabetes Mellitus and Heart Failure, A Scientific Statement From the American Heart Association and Heart Failure Society of America. <i>Journal of Cardiac Failure</i> , 2019 , 25, 584-619 | 3.3 | 30 |
| 64 | Congestive heart failure and diabetes mellitus: balancing glycemic control with heart failure improvement. <i>American Journal of Cardiology</i> , 2012 , 110, 50B-57B | 3 | 30 |
| 63 | A Low-Frequency Inactivating Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. <i>Diabetes</i> , 2017 , 66, 2019-2032 | 0.9 | 29 |
| 62 | Chagas cardiomyopathy is associated with higher incidence of stroke: a meta-analysis of observational studies. <i>Journal of Cardiac Failure</i> , 2014 , 20, 931-8 | 3.3 | 29 |
| 61 | The impact of thiazolidinedione use on outcomes in ambulatory patients with diabetes mellitus and heart failure. <i>Journal of the American College of Cardiology</i> , 2007 , 50, 32-6 | 15.1 | 29 |
| 60 | Galectin-3 and incidence of atrial fibrillation: The Atherosclerosis Risk in Communities (ARIC) study. <i>American Heart Journal</i> , 2017 , 192, 19-25 | 4.9 | 28 |
| 59 | Echocardiographic changes during treatment of acute decompensated heart failure: insights from the ESCAPE trial. <i>Journal of Cardiac Failure</i> , 2012 , 18, 792-8 | 3.3 | 28 |
| 58 | Discovery of Genetic Variation on Chromosome 5q22 Associated with Mortality in Heart Failure. <i>PLoS Genetics</i> , 2016 , 12, e1006034 | 6 | 26 |
| 57 | A Phase II study of autologous mesenchymal stromal cells and c-kit positive cardiac cells, alone or in combination, in patients with ischaemic heart failure: the CCTRN CONCERT-HF trial. <i>European Journal of Heart Failure</i> , 2021 , 23, 661-674 | 12.3 | 26 |
| 56 | Development of chagas cardiac manifestations among Texas blood donors. <i>American Journal of Cardiology</i> , 2015 , 115, 113-7 | 3 | 24 |
| 55 | Diabetes and cardiovascular disease: the potential benefit of incretin-based therapies. <i>Current Atherosclerosis Reports</i> , 2011 , 13, 115-22 | 6 | 23 |
| 54 | Beyond type 2 diabetes, obesity and hypertension: an axis including sleep apnea, left ventricular hypertrophy, endothelial dysfunction, and aortic stiffness among Mexican Americans in Starr County, Texas. <i>Cardiovascular Diabetology</i> , 2016 , 15, 86 | 8.7 | 23 |
| 53 | Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017 , 4, 170179 | 8.2 | 22 |

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|----|--|------|----|
| 52 | A history of diabetes predicts outcomes following myocardial infarction: an analysis of the 28 771 patients in the High-Risk MI Database. <i>European Journal of Heart Failure</i> , 2017 , 19, 635-642 | 12.3 | 20 |
| 51 | Smoking Behaviors and Arterial Stiffness Measured by Pulse Wave Velocity in Older Adults: The Atherosclerosis Risk in Communities (ARIC) Study. <i>American Journal of Hypertension</i> , 2016 , 29, 1268-1275 | 2.3 | 20 |
| 50 | Worsening renal function is not associated with response to treatment in acute heart failure. <i>International Journal of Cardiology</i> , 2013 , 167, 1912-7 | 3.2 | 19 |
| 49 | Adverse association between diabetic retinopathy and cardiac structure and function. <i>American Heart Journal</i> , 2009 , 157, 563-8 | 4.9 | 18 |
| 48 | Evaluation of Aspirin and Statin Therapy Use and Adherence in Patients With Premature Atherosclerotic Cardiovascular Disease. <i>JAMA Network Open</i> , 2020 , 3, e2011051 | 10.4 | 18 |
| 47 | Recurrent low-level troponin I elevation is a worse prognostic indicator than occasional injury pattern in patients hospitalized with heart failure. <i>International Journal of Cardiology</i> , 2013 , 166, 394-8 | 3.2 | 17 |
| 46 | Lifestyle Modification with Diet and Exercise in Obese Patients with Heart Failure - A Pilot Study. <i>Journal of Obesity & Weight Loss Therapy</i> , 2012 , 2, 1-8 | 0 | 17 |
| 45 | ACE inhibitors and angiotensin receptor antagonists and the incidence of new-onset diabetes mellitus: an emerging theme. <i>Drugs</i> , 2006 , 66, 1169-77 | 12.1 | 17 |
| 44 | Editor's Choice- Impact of insulin-treated diabetes on cardiovascular outcomes following high-risk myocardial infarction. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2019 , 8, 231-241 | 4.3 | 16 |
| 43 | Omics-squared: human genomic, transcriptomic and phenotypic data for genetic analysis workshop 19. <i>BMC Proceedings</i> , 2016 , 10, 71-77 | 2.3 | 14 |
| 42 | Genome-Wide Association Study of Staphylococcus aureus Carriage in a Community-Based Sample of Mexican-Americans in Starr County, Texas. <i>PLoS ONE</i> , 2015 , 10, e0142130 | 3.7 | 14 |
| 41 | Impact of alpha 1-adrenergic antagonist use for benign prostatic hypertrophy on outcomes in patients with heart failure. <i>American Journal of Cardiology</i> , 2009 , 104, 270-5 | 3 | 13 |
| 40 | Diabetes and heart failure in the post-myocardial infarction patient. <i>Current Heart Failure Reports</i> , 2006 , 3, 164-9 | 2.8 | 13 |
| 39 | Clinically unrecognized Q-wave myocardial infarction in patients with diabetes mellitus, systemic hypertension, and nephropathy. <i>American Journal of Cardiology</i> , 2004 , 94, 337-9 | 3 | 13 |
| 38 | Habitual physical activity and central artery stiffening in older adults: the Atherosclerosis Risk in Communities study. <i>Journal of Hypertension</i> , 2018 , 36, 1889-1894 | 1.9 | 13 |
| 37 | The metabolic syndrome and mortality in an ethnically diverse heart failure population. <i>Journal of Cardiac Failure</i> , 2008 , 14, 590-5 | 3.3 | 12 |
| 36 | Fibrosis and Inflammatory Markers and Long-Term Risk of Peripheral Artery Disease: The ARIC Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 2322-2331 | 9.4 | 12 |
| 35 | Galectin-3 and Venous Thromboembolism Incidence: the Atherosclerosis Risk in Communities (ARIC) Study. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2017 , 1, 223-230 | 5.1 | 10 |

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| 34 | Plasma Galectin-3 and Sonographic Measures of Carotid Atherosclerosis in the Atherosclerosis Risk in Communities Study. <i>Angiology</i> , 2019 , 70, 47-55 | 2.1 | 9 |
| 33 | Effects of Once-Weekly Exenatide on Clinical Outcomes in Patients With Preexisting Cardiovascular Disease. <i>Circulation</i> , 2018 , 138, 2576-2578 | 16.7 | 9 |
| 32 | Antihypertensive drug use and blood pressure control among stroke survivors in the United States: NHANES 2003-2014. <i>Journal of Clinical Hypertension</i> , 2019 , 21, 766-773 | 2.3 | 8 |
| 31 | Hyperglycaemia, ejection fraction and the risk of heart failure or cardiovascular death in patients with type 2 diabetes and a recent acute coronary syndrome. <i>European Journal of Heart Failure</i> , 2020 , 22, 1133-1143 | 12.3 | 8 |
| 30 | Vasopressor treatment and mortality following nontraumatic subarachnoid hemorrhage: a nationwide electronic health record analysis. <i>Neurosurgical Focus</i> , 2020 , 48, E4 | 4.2 | 8 |
| 29 | Levels and Change in Galectin-3 and Association With Cardiovascular Events: The ARIC Study. <i>Journal of the American Heart Association</i> , 2020 , 9, e015405 | 6 | 7 |
| 28 | Association of Serum Folate Levels With Cardiovascular Mortality Among Adults With Rheumatoid Arthritis. <i>JAMA Network Open</i> , 2020 , 3, e200100 | 10.4 | 7 |
| 27 | American Heart Association's Life's Simple 7: Lifestyle Recommendations, Polygenic Risk, and Lifetime Risk of Coronary Heart Disease.. <i>Circulation</i> , 2022 , | 16.7 | 6 |
| 26 | Strategies of Unloading the Failing Heart from Metabolic Stress. <i>American Journal of Medicine</i> , 2020 , 133, 290-296 | 2.4 | 6 |
| 25 | Machine learning prediction of the adverse outcome for nontraumatic subarachnoid hemorrhage patients. <i>Annals of Clinical and Translational Neurology</i> , 2020 , 7, 2178-2185 | 5.3 | 6 |
| 24 | Treating Disease Mechanisms in Patients With Heart Failure and Diabetes Mellitus. <i>Current Heart Failure Reports</i> , 2017 , 14, 445-453 | 2.8 | 5 |
| 23 | Management of type 2 diabetes in patients with heart failure. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2008 , 10, 465-75 | 2.1 | 5 |
| 22 | Impact of Diabetes on the Gut and Salivary IgA Microbiomes. <i>Infection and Immunity</i> , 2020 , 88, | 3.7 | 5 |
| 21 | Functionally oriented analysis of cardiometabolic traits in a trans-ethnic sample. <i>Human Molecular Genetics</i> , 2019 , 28, 1212-1224 | 5.6 | 5 |
| 20 | Association of NT-ProBNP, Blood Pressure, and Cardiovascular Events: The ARIC Study. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 559-571 | 15.1 | 5 |
| 19 | Continuing evidence of Chagas disease along the Texas-Mexico border. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006899 | 4.8 | 5 |
| 18 | Abnormal rhythms in patients without known cardiac disease after a first dose of fingolimod. <i>Multiple Sclerosis and Related Disorders</i> , 2014 , 3, 408-12 | 4 | 4 |
| 17 | Sleep apnea and galectin-3: possible sex-specific relationship. <i>Sleep and Breathing</i> , 2019 , 23, 1107-1114 | 3.1 | 3 |

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| 16 | A Multi-Trait Approach Identified Genetic Variants Including a Rare Mutation in RGS3 with Impact on Abnormalities of Cardiac Structure/Function. <i>Scientific Reports</i> , 2019 , 9, 5845 | 4.9 | 2 |
| 15 | Metabolomic profiles associated with subtypes of prediabetes among Mexican Americans in Starr County, Texas, USA. <i>Diabetologia</i> , 2020 , 63, 287-295 | 10.3 | 2 |
| 14 | Trypanosoma cruzi in Nonischemic Cardiomyopathy Patients, Houston, Texas, USA. <i>Emerging Infectious Diseases</i> , 2021 , 27, 1958-1960 | 10.2 | 2 |
| 13 | Blood pressure and mortality in patients with type 2 diabetes and a recent coronary event in the ELIXA trial. <i>Cardiovascular Diabetology</i> , 2020 , 19, 175 | 8.7 | 1 |
| 12 | Leveraging a health information exchange for analyses of COVID-19 outcomes including an example application using smoking history and mortality. <i>PLoS ONE</i> , 2021 , 16, e0247235 | 3.7 | 1 |
| 11 | Taking the Air Out of Oxygen Supplementation in Individuals With Diabetes and Acute Coronary Syndromes. <i>Diabetes Care</i> , 2019 , 42, 2019-2021 | 14.6 | 1 |
| 10 | The effects of gender and country of origin on acculturation, psychological factors, lifestyle factors, and diabetes-related physiological outcomes among Mexican Americans: The Starr County diabetes prevention initiative.. <i>Chronic Illness</i> , 2022 , 17423953221089315 | 1.4 | 1 |
| 9 | Understanding by General Providers of the Echocardiogram Report. <i>American Journal of Cardiology</i> , 2019 , 124, 296-302 | 3 | 0 |
| 8 | Healthcare Expenditure Associated With Polypharmacy in Older Adults With Cardiovascular Diseases.. <i>American Journal of Cardiology</i> , 2022 , | 3 | 0 |
| 7 | The impact of the Th17:Treg axis on the IgA-Biome across the glycemic spectrum. <i>PLoS ONE</i> , 2021 , 16, e0258812 | 3.7 | 0 |
| 6 | Relationships Between Urinary Metals and Diabetes Traits Among Mexican Americans in Starr County, Texas, USA.. <i>Biological Trace Element Research</i> , 2022 , 1 | 4.5 | 0 |
| 5 | Response to Letter Regarding Article, Cardiac Structure and Function Across the Glycemic Spectrum in Elderly Men and Women Free of Prevalent Heart Disease: The Atherosclerosis Risk In the Community Study. <i>Circulation: Heart Failure</i> , 2015 , 8, 1010 | 7.6 | |
| 4 | Letter by McGuire and Aguilar regarding article, "Effect of torcetrapib on glucose, insulin, and hemoglobin A1c in subjects in the investigation of lipid level management to understand its impact in atherosclerotic events (ILLUMINATE) trial". <i>Circulation</i> , 2012 , 125, e427 | 16.7 | |
| 3 | Diabetes and Cardiovascular Disease in Women: Current Challenges and New Hope. <i>Texas Heart Institute Journal</i> , 2020 , 47, 123-124 | 0.8 | |
| 2 | Prescribing Trend of Inappropriate Medications in Outpatient Clinics for Older Adults With Heart Failure in the United States: NAMCS 2012 to 2016. <i>American Journal of Cardiology</i> , 2021 , 152, 168 | 3 | |
| 1 | Association between circulating Galectin-3 and arterial stiffness in older adults. <i>Vasa - European Journal of Vascular Medicine</i> , 2021 , 50, 439-445 | 1.9 | |