# Vincent C Arena

## List of Publications by Year
## in descending order

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|---|---|---|---|
| 66<br>papers | 2,350<br>citations | 201674<br>27<br>h-index | 206112<br>48<br>g-index |
| 66<br>all docs | 66<br>docs citations | 66<br>times ranked | 3144<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | The Brain Tumor Cooperative Group NIH Trial 87-01: A Randomized Comparison of Surgery, External Radiotherapy, and Carmustine versus Surgery, Interstitial Radiotherapy Boost, External Radiation Therapy, and Carmustine. Neurosurgery, 2002, 51, 343-357. | 1.1 | 406 |
| 2 | The Brain Tumor Cooperative Group NIH Trial 87-01: A Randomized Comparison of Surgery, External Radiotherapy, and Carmustine versus Surgery, Interstitial Radiotherapy Boost, External Radiation Therapy, and Carmustine. Neurosurgery, 2002, 51, 343-357. | 1.1 | 209 |
| 3 | Treatment Seeking for Urinary Incontinence in Older Adults. Journal of the American Geriatrics Society, 1994, 42, 208-212. | 2.6 | 179 |
| 4 | Long-term prognosis of patients undergoing electrophysiologic studies for syncope of unknown origin. American Journal of Cardiology, 1988, 62, 1186-1191. | 1.6 | 106 |
| 5 | Fine particulate matter and the risk of autism spectrum disorder. Environmental Research, 2015, 140, 414-420. | 7.5 | 100 |
| 6 | Association between Physical Activity and Kidney Function. Medicine and Science in Sports and Exercise, 2011, 43, 1457-1464. | 0.4 | 90 |
| 7 | Cardiovascular Autonomic Neuropathy, HDL Cholesterol, and Smoking Correlate With Arterial Stiffness Markers Determined 18 Years Later in Type 1 Diabetes. Diabetes Care, 2010, 33, 652-657. | 8.6 | 80 |
| 8 | A randomized trial of yogurt for prevention of antibiotic-associated diarrhea. Digestive Diseases and Sciences, 2003, 48, 2077-2082. | 2.3 | 71 |
| 9 | Evaluation of housestaff physicians' preparation and interpretation of sputum gram stains for communityacquired pneumonia. Journal of General Internal Medicine, 1991, 6, 189-198. | 2.6 | 70 |
| 10 | Air toxics and the risk of autism spectrum disorder: the results of a population based case–control study in southwestern Pennsylvania. Environmental Health, 2015, 14, 80. | 4.0 | 64 |
| 11 | Improving Employee Health. Journal of Occupational and Environmental Medicine, 2015, 57, 284-291. | 1.7 | 62 |
| 12 | Estimation of Short-Term Effects of Air Pollution on Stroke Hospital Admissions in Wuhan, China. PLoS ONE, 2013, 8, e61168. | 2.5 | 59 |
| 13 | Selective Nonoperative Management of Leaks After Gastric Bypass. Annals of Surgery, 2008, 248, 782-792. | 4.2 | 58 |
| 14 | PM10 air pollution exposure during pregnancy and term low birth weight in Allegheny County, PA, 1994–2000. International Archives of Occupational and Environmental Health, 2011, 84, 251-257. | 2.3 | 51 |
| 15 | Occupational Medical History Taking: How Are Today's Physicians Doing? A Cross-Sectional Investigation of the Frequency of Occupational History Taking by Physicians in a Major U.S. Teaching Center. Journal of Occupational and Environmental Medicine, 2004, 46, 550-555. | 1.7 | 48 |
| 16 | A comparative study of the use of GAM and GLM in air pollution research. Environmetrics, 2006, 17, 81-93. | 1.4 | 43 |
| 17 | Using Alternative Comparison Populations to Assess Occupation-Related Mortality Risk. Journal of Occupational and Environmental Medicine, 1998, 40, 907-916. | 1.7 | 37 |
| 18 | Physical Activity Levels in American-Indian Adults. American Journal of Preventive Medicine, 2009, 37, 481-487. | 3.0 | 36 |

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|---|---------|----|-----------|
| 19 | Augmentation pressure and subendocardial viability ratio are associated with microalbuminuria and with poor renal function in type 1 diabetes. Diabetes and Vascular Disease Research, 2010, 7, 216-224. | 2.0 | 35 |
| 20 | Humoral Autoimmunity against the Extracellular Domain of the Neuroendocrine Autoantigen IA-2 Heightens the Risk of Type 1 Diabetes. Endocrinology, 2010, 151, 2528-2537. | 2.8 | 35 |
| 21 | The Impact of Body Mass Index on Short-Term Disability in the Workplace. Journal of Occupational and Environmental Medicine, 2006, 48, 1118-1124. | 1.7 | 34 |
| 22 | Evaluation of a Diabetes Prevention Program Lifestyle Intervention in Older Adults: A Randomized Controlled Study in Three Senior/Community Centers of Varying Socioeconomic Status. The Diabetes Educator, 2018, 44, 118-129. | 2.5 | 34 |
| 23 | Current clinical status, glucose control, and complication rates of children and youth with type 1 diabetes in Rwanda. Pediatric Diabetes, 2013, 14, 217-226. | 2.9 | 32 |
| 24 | Characteristics of slow progression to diabetes in multiple islet autoantibody-positive individuals from five longitudinal cohorts: the SNAIL study. Diabetologia, 2018, 61, 1484-1490. | 6.3 | 32 |
| 25 | Impact of a community-based lifestyle intervention program on health-related quality of life. Quality of Life Research, 2016, 25, 1903-1912. | 3.1 | 31 |
| 26 | Pulse wave analysis and prevalent cardiovascular disease in type 1 diabetes. Atherosclerosis, 2010, 213, 469-474. | 0.8 | 30 |
| 27 | Glucose control in Rwandan youth with type 1 diabetes following establishment of systematic, HbA1c based, care and education. Diabetes Research and Clinical Practice, 2015, 107, 113-122. | 2.8 | 30 |
| 28 | Prognostic Value of Pericardial Effusion on Serial Echocardiograms in Pulmonary Arterial Hypertension. Echocardiography, 2015, 32, 1471-1476. | 0.9 | 24 |
| 29 | A Retrospective Investigation of PM10 in Ambient Air and Cardiopulmonary Hospital Admissions in Allegheny County, Pennsylvania: 1995???2000. Journal of Occupational and Environmental Medicine, 2006, 48, 38-47. | 1.7 | 17 |
| 30 | The Effect of Age on Insulin Sensitivity and Insulin Secretion in First-Degree Relatives of Type 1 Diabetic Patients: A Population Analysis. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 2446-2451. | 3.6 | 16 |
| 31 | Evaluation of physical activity reporting in community Diabetes Prevention Program lifestyle intervention efforts: A systematic review. Preventive Medicine, 2015, 77, 191-199. | 3.4 | 16 |
| 32 | Factors related to lifestyle goal achievement in a diabetes prevention program dissemination study. Translational Behavioral Medicine, 2017, 7, 873-880. | 2.4 | 16 |
| 33 | Incidence of type 1 and type 2 diabetes inÂyouth in the US Virgin Islands, 2001-2010. Pediatric Diabetes, 2013, 14, 280-287. | 2.9 | 15 |
| 34 | The relationship between external anal and external urethral sphincter activity in continent women. Neurourology and Urodynamics, 1991, 10, 555-562. | 1.5 | 14 |
| 35 | All-cause mortality in a population-based type 1 diabetes cohort in the U.S. Virgin Islands. Diabetes Research and Clinical Practice, 2014, 103, 504-509. | 2.8 | 14 |
| 36 | Generalized linear mixed models in time series studies of air pollution. Atmospheric Pollution Research, 2011, 2, 428-435. | 3.8 | 13 |

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|---|---------|-----|-----------|
| 37 | Evaluation of the proportionate mortality index in the presence of multiple comparisons. Statistics in Medicine, 1987, 6, 71-77. | 1.6 | 10 |
| 38 | Failure to alter the course of acute myelogenous leukemia in the rat with subcutaneous deferoxamine. Leukemia Research, 1991, 15, 391-394. | 0.8 | 10 |
| 39 | On the development of an interstitial radiation protocol for a multicenter consortium. Experience with permanent low-dose rate and temporary high-dose rate125I implants in ?failed? and ?newly diagnosed? glioblastoma patients: Quality assurance methodology and a possible future adjuvant for therapeutic enhancement. Journal of Neuro-Oncology, 1995, 26, 141-155. | 2.9 | 10 |
| 40 | Relationship of adiponectin and leptin with autoimmunity in children with new-onset type 1 diabetes: a pilot study. Pediatric Diabetes, 2016, 17, 249-256. | 2.9 | 9 |
| 41 | A program to compute the generalized Mantel-Haenszel chi-square for multiple 2 Ã— J tables. Computer Programs in Biomedicine, 1983, 17, 65-72. | 0.7 | 8 |
| 42 | Issues and findings in the evaluation of occupational risk among women high nickel alloys workers. , 1999, 36, 114-121. | | 8 |
| 43 | Evaluation of non-invasive screening measures to identify individuals with prediabetes. Diabetes Research and Clinical Practice, 2015, 107, 194-201. | 2.8 | 8 |
| 44 | Mortality and natural progression of type 1 diabetes patients enrolled in the Rwanda LFAC program from 2004 to 2012. International Journal of Diabetes in Developing Countries, 2017, 37, 507-515. | 0.8 | 8 |
| 45 | Physical Activity Levels in a Community Lifestyle Intervention. Translational Journal of the American College of Sports Medicine, 2016, 1, 45-51. | 0.6 | 8 |
| 46 | Group Lifestyle Phone Maintenance for Weight, Health, and Physical Function in Adults Aged 65â€"80 Years: A Randomized Clinical Trial. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 352-360. | 3.6 | 7 |
| 47 | Relationships between serum testosterone, fasting insulin and lipoprotein levels among elderly men. Atherosclerosis, 1989, 75, 13-22. | 0.8 | 6 |
| 48 | Physical Activity Levels in a Community Lifestyle Intervention: A Randomized Trial. Translational Journal of the American College of Sports Medicine, 2016, 1, 45-51. | 0.6 | 6 |
| 49 | Model validation software for classification models using repeated partitioning: MVREP. Computer Methods and Programs in Biomedicine, 2003, 72, 81-87. | 4.7 | 5 |
| 50 | Case-Crossover Analysis of Air Pollution and Cardiorespiratory Hospitalizations. Journal of Public Health Management and Practice, 2008, 14, 569-576. | 1.4 | 5 |
| 51 | A resampling approach for adjustment in prediction models for covariate measurement error. Computer Methods and Programs in Biomedicine, 2005, 77, 199-207. | 4.7 | 4 |
| 52 | Correlation of a Self-Report and Direct Measure of Physical Activity Level in the Electron-Beam Tomography and Risk Assessment Among Japanese and US Men in the Post World War II Birth Cohort (ERA JUMP) Study. Journal of Epidemiology, 2013, 23, 411-417. | 2.4 | 4 |
| 53 | Neuronal T-Cell Autoreactivity Is Amplified in Overweight Children With New-Onset Insulin-Requiring Diabetes. Diabetes Care, 2015, 38, 43-50. | 8.6 | 4 |
| 54 | Partial regression method to fit a generalized additive model. Environmetrics, 2007, 18, 599-606. | 1.4 | 3 |

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| 55 | A Coordinated Population Health Approach to Diabetes Education in Primary Care. The Diabetes Educator, 2019, 45, 580-585. | 2.5 | 3 |
| 56 | The Impact of a Yearlong Diabetes Prevention Program-Based Lifestyle Intervention on Cardiovascular Health Metrics. Journal of Primary Care and Community Health, 2021, 12, 215013272110298. | 2.1 | 3 |
| 57 | Impact of Maintenance Session Attendance and Early Weight Loss Goal Achievement on Weight Loss Success in a Community-Based Diabetes Prevention Program Intervention. Science of Diabetes Self-Management and Care, 2021, 47, 279-289. | 1.6 | 3 |
| 58 | A computer program for comparing standardized mortality ratios among exposure groups. Computer Programs in Biomedicine, 1983, 16, 105-113. | 0.7 | 2 |
| 59 | Celiac Autoimmunity Is Associated With Lower Blood Pressure and Renal Risk in Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3828-3836. | 3.6 | 2 |
| 60 | The role of Sociodemographic factors on goal achievement in a community-based diabetes prevention program behavioral lifestyle intervention. BMC Public Health, 2021, 21, 1783. | 2.9 | 2 |
| 61 | The Likely Underestimated Impact of Lifestyle Intervention: Diabetes Prevention Program Translation Examples. American Journal of Preventive Medicine, 2022, 62, e248-e254. | 3.0 | 2 |
| 62 | Bayesian model averaging approach in health effects studies: Sensitivity analyses using PM10 and cardiopulmonary hospital admissions in Allegheny County, Pennsylvania and simulated data. Atmospheric Pollution Research, 2010, 1, 161-167. | 3.8 | 1 |
| 63 | Participant food and activity costs in a translational Diabetes Prevention Program. Translational Behavioral Medicine, 2021, 11, 351-358. | 2.4 | 1 |
| 64 | Leisure Sedentary Behavior Levels and Meeting Program Goals in a Community Lifestyle Intervention for Diabetes Prevention. Journal of Physical Activity and Health, 2021, 18, 44-51. | 2.0 | 1 |
| 65 | 22 Statistical methods for reproductive risk assessment. Handbook of Statistics, 2000, , 649-671. | 0.6 | 0 |
| 66 | Translating the Diabetes Prevention Program Lifestyle Intervention to the Military Setting. Military Medicine, 2022, , . | 0.8 | 0 |