

Citations of ALR-Sponsored Journal Issues and Grantee Publications: 2003-2011

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Citation tracking is a quantitative measure of the impact of papers on science. Active Living Research contributes to the literature through ALR-sponsored journals and grantee publications, and we designed an evaluation of citations. This was motivated in part by comments that journal supplements are inferior publications that are not widely cited and thus may not contribute much to career advancement, especially for newer investigators.

Research assistant Alexandra Mignano documented citations from all empirical and review articles from ALR supported journal special issues as well as all grantee publications on record as of June 3, 2011. Searches were done between June and July 2011 using Scopus. Google Scholar was used as an alternative if a publication was unavailable in Scopus, i.e. book chapters or reports. For journal special issues, each ALR-sponsored issue (bold font in table) was compared to empirical and review articles in the previous regular issue (regular font in table). Some grantee publications were unavailable on either search engine and were excluded from the analysis.

We initially thought this analysis would be part of the 2011 external evaluation, but that report was already so extensive we are just posting this brief report independently.

Six out of eight ALR journal special issues contained articles that were cited more often than the previous issue, and one was similar. Only the JHPPL special issue with reports of grantee case studies had a lower citation average than the previous regular issue. The 2005 American Journal of Preventive Medicine ALR special issue (28(2S2)) had the highest mean number of citations at 82 compared to the volume 28, issue 2 articles with a mean of 23 citations.

Thirty-nine grantee publications from 2003 to 2011 were assessed, and they had total citations of 1152. There are now over 350 grantee publications, including reports. Eight of the publications have 50 or more citations, which some use as an indicator of an influential paper. Grantee publications from 2005 were cited most, with a mean of 57 citations for the 7 publications. The publication with the highest number of citations resulted from a grant to Ross Brownson. According to Scopus, the 2005 article, "Perceived and objective environmental measures and physical activity among urban adults," had been cited 174 times at the time of the analysis.

Ref: Hoehner, C.M., Brennan Ramirez, L.K., Elliott, M.B., Handy, S.L., & Brownson, R.C. (2005). Perceived and objective environmental measures and physical activity among urban adults. *American Journal of Preventive Medicine*, 28(2S2), 105-116.

The analyses presented here indicate that ALR-sponsored journal supplements and special issues are cited more than regular issues from the same journal. ALR grantee papers are also being cited at a high rate. It appears ALR is having a notable impact on other scientists.

Citations for Active Living Research Grantee Publications Through June 3, 2011
Reported by Scopus as of July 2011

Year	Mean	Median	Range	Total # Papers	Top 5 Publications per Year	# Citations					
2011	0.19	0	3	37	Boone-Heinonen, J., Gordon-Larsen, P., Guilkey, D. K., Jacobs Jr., D. R., & Popkin, B. M. (2011). Environment and physical activity dynamics: The role of residential self-selection. <i>Psychology of Sport and Exercise</i> , 12(1): 54-60.	3					
					Fernandes, M., & Sturm, R. (2011). The role of school physical activity programs in child body mass trajectory. <i>Journal of Physical Activity and Health</i> , 8(2), 174-181.	2					
					Barr-Anderson, D. J., AuYoung, M., Whitt-Glover, M. C., Glenn, B. A., & Yancey, A. K. (2011). Integration of short bouts of physical activity into organizational routine: A systematic review of the literature. <i>American Journal of Preventive Medicine</i> , 40(1): 76-93.	1					
					Handy, S. & McCann, B. (2011). The regional response to federal funding for bicycle and pedestrian projects. <i>Journal of the American Planning Association</i> , 77(1): 23-38.	1					
2010	2.02	1	21	41	Pucher, J., Dill, J., & Handy, S. (2010). Infrastructure, programs, and policies to increase bicycling: An international review. <i>Preventive Medicine</i> , 50(S1): S106-S125.	21					
					Feng, J., Glass, T. A., Curriero, F. C., Stewart, W. F., & Schwartz, B. S. (2010). The built environment and obesity: A systematic review of the epidemiologic evidence. <i>Health & Place</i> , 16(2): 175-190.	8					
					Boone-Heinonen, J., Evenson, K. R., Song, Y., & Gordon-Larsen, P. (2010). Built and socioeconomic environments: Patterning and associations with physical activity in U.S. adolescents. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 7(1): 45.	4					
					Hennessy, E., Hughes, S. O., Goldberg, J. P., Hyatt, R. R., & Economos, C. D. (2010). Parent behavior and child weight status among a diverse group of underserved rural families. <i>Appetite</i> , 54(2): 369-377.	4					
					Hughes, C. C., Gooze, R. A., Finkelstein, D. M., & Whitaker, R.C. (2010). Barriers to obesity prevention in Head Start. <i>Health Affairs</i> , 29(3): 454-462.	4					
					Jarrett, M., McConnell, R., Chang, C. C., Wolch, J., Reynolds, K., Lurmann, F., Gilliland, F., & Berhane, K. (2010). Automobile traffic around the home and attained body mass index: A longitudinal cohort study of children aged 10-18 years. <i>Preventive Medicine</i> , 50(S1), S50-S58.	4					
					Madsen, K. A., Weedn A. E., & Crawford, P. B. (2010). Disparities in peaks, plateaus, and declines in prevalence of high BMI among adolescents. <i>Pediatrics</i> , 126(3): 434-442.	4					
					Rosenberg, D. E., Sallis, J. F., Kerr, J., Maher, J., Norman, G. J., Durant, N., Harris, S. K., & Saelens, B. E. (2010). Brief scales to assess physical activity and sedentary equipment in the home. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 7(10): 1-11.	4					
					2009	4.32	3	22	44	Dunton, G. F., Kaplan, J., Wolch, J., Jerrett, M., & Reynolds, K. D. (2009). Physical environmental correlates of childhood obesity: A systematic review. <i>Obesity Reviews</i> , 10(4): 393-402.	22
										Odoms-Young, A.M., Zenk, S., & Mason, M. (2009). Measuring food availability and access in African-American communities: Implications for intervention and policy. <i>American Journal of Preventive Medicine</i> , 36(4S), S145-S150.	16
Forsyth, A., Oakes, J. M., Lee, B., & Schmitz, K. H. (2009). The built environment, walking, and physical activity: Is the environment more important to some people than others? <i>Transportation Research Part D: Transport and Environment</i> , 14(1): 42-49.	10										
Whitaker, R.C., Gooze, R.A., Hughes, C.C., & Finkelstein, D.M. (2009). A national survey of obesity prevention practices in head start. <i>Archives of Pediatrics & Adolescent Medicine</i> , 163(12), 1144-1150.	10										
Kelder, S. H., Springer, A. E., Barroso, C., Smith, C. L., Sanchez, E., Ranjit, N., & Hoelscher, D. M. (2009). Implementation of Texas senate bill 19 to increase physical activity in elementary schools. <i>Journal of Public Health Policy</i> , 30(S), S221-247.	9										
2008	9.52	6	66	33	Moore, L. V., Diez Roux, A. V., Evenson, K. R., McGinn, A. P., & Brines, S. J. (2008). Availability of recreational resources in minority and low socioeconomic status areas. <i>American Journal of Preventive Medicine</i> , 34(1), 16-22.	31					

					Zhu, X. & Lee, C. (2008). Walkability and safety around elementary schools: Economic and ethnic disparities. <i>American Journal of Preventive Medicine, 34</i> (4), 282-290.	26
					Grow, H. M., Saelens, B. E., Kerr, J., Durant, N. H., Norman, G. J., & Sallis, J. F. (2008). Where are youth active? Roles of proximity, active transport, and built environment. <i>Medicine & Science in Sports & Exercise, 40</i> (12), 2071-2079.	23
					McDonald, N. C. (2008). Critical factors for active transportation to school among low-income and minority students: Evidence from the 2001 National Household Travel Survey. <i>American Journal of Preventive Medicine, 34</i> (4), 341-344.	23
					Forsyth, A., Hearst, M., Oakes, J. M., & Schmitz, K. H. (2008). Design and destinations: Factors influencing walking and total physical activity. <i>Urban Studies, 45</i> (9), 1973-1996.	21
2007	19.71	12	58	21	Diez Roux, A. V., Evenson, K. R., McGinn, A. P., Brown, D. G., Moore, L., Brines, S., Jacobs Jr., D. R. (2007). Availability of recreational resources and physical activity in adults. <i>American Journal of Public Health, 97</i> (3): 493-499.	60
					McDonald, N. C. (2007). Active transportation to schools: Trends among U.S. schoolchildren, 1969-2001. <i>American Journal of Preventive Medicine, 32</i> (6), 509-516.	55
					Boehmer, T. K., Hoehner, C. M., Deshpande, D. E., Brennan Ramirez, L. K., & Brownson, R. C. (2007). Perceived and observed neighborhood indicators of obesity among urban adults. <i>International Journal of Obesity, 31</i> (6): 968-977.	42
					Frank, L., Kerr, J., Chapman, J., & Sallis, J. (2007). Urban form relationships with walk trip frequency and distance among youth. <i>American Journal of Health Promotion, 21</i> (4S), 305-311.	40
					Forsyth, A., Oakes, J. M., Schmitz, K. H., & Hearst, M. (2007). Does residential density increase walking and other physical activity? <i>Urban Studies, 44</i> (4), 679-697.	30
2006	28.00	19	75	15	Nelson, M. C., Gordon-Larsen, P., Song, Y., & Popkin, B. M. (2006). Built and social environments: Associations with adolescent overweight and activity. <i>American Journal of Preventive Medicine, 31</i> (2), 109-117.	76
					Handy, S., Cao, X., & Mokhtarian P. L. (2006). Self-selection in the relationship between the built environment and walking: Empirical evidence from northern California. <i>Journal of the American Planning Association, 72</i> (1), 55-74.	71
					Nelson, M. C. & Gordon-Larsen, P. (2006). Physical Activity and Sedentary Behavior Patterns are Associated with Selected Adolescent Health Risk Behaviors. <i>Pediatrics (117</i> (4), 1281-1290.	50
					Brownson, R. C., Royer, C., Ewing, R., & McBride, T. D. (2006). Researchers and policymakers: Travelers in parallel universes. <i>American Journal of Preventive Medicine, 30</i> (2): 164-172.	44
					Boarnet, M. G., Day, K., Alfonzo, M., Forsyth, A., & Oakes, M. (2006). The Irvine-Minnesota inventory to measure built environments: Reliability tests. <i>American Journal of Preventive Medicine, 30</i> (2): 153-159.	35
2005	57.00	29	173	7	Hoehner, C. M., Brennan Ramirez, L. K., Elliott, M. B., Handy, S. L., & Brownson, R. C. (2005). Perceived and Objective Environmental Measures and Physical Activity among Urban Adults. <i>American Journal of Preventive Medicine, 28</i> (2S2), 105-116.	174
					Bedimo-Rung, A. L., Mowen, A. J., & Cohen, D. A. (2005). The significance of parks to physical activity and public health: A conceptual model. <i>American Journal of Preventive Medicine, 28</i> (2S2): 159-168.	91
					Nelson, M. C., Gordon-Larsen, P., Adair, L. S., & Popkin, B. M. (2005). Adolescent Physical Activity and Sedentary Behavior: Patterning and Long-Term Maintenance. <i>American Journal of Preventive Medicine, 28</i> (3), 259-266.	50
					Jago, R., Baranowski, T., Zakeri, I., & Harris, M. (2005). Observed Environmental Features and the Physical Activity of Adolescent Males. <i>American Journal of Preventive Medicine, 29</i> (2), 98-104.	29
					Lee, R.E., Booth, K.M., Reese-Smith, J.Y., Regan, G., & Howard, H.H. (2005). The Physical Activity Resource Assessment (PARA) Instrument: Evaluating Features, Amenities and Incivilities of Physical Activity Resources in Urban Neighborhoods. <i>International Journal of Behavioral Nutrition and Physical Activity, 2</i> (13).	28
2004	2.00	2	0	1	Lindsey, G. & Lindsey G. (2004). Using Pedestrian Count Models to Estimate Urban Trail Traffic. <i>Journal of Regional Analysis and Policy, 34</i> (1), 51-68.	2
2003	24.00	24	0	1	Hoehner, C.M., Brennan Ramirez, L.K., (2003). Opportunities for Integrating Public Health and Urban Planning Approaches to Promote Active Community Environments. <i>American Journal of Health Promotion, 18</i> (1), 14-20.	24

A list of grantee publications can be found at <http://activelivingresearch.org/grantsearch/projects>