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**Guofang Wei** and **Peng Wu\*** ([wupenguin@math.ucsb.edu](mailto:wupenguin@math.ucsb.edu)), Department of Mathematics,  
University of California, Santa Barbara, Santa Barbara, CA 93106. *On volume growth of gradient  
steady Ricci solitons.*

We study volume growth of gradient steady Ricci solitons. We show that if the potential function of a gradient steady Ricci soliton satisfies a uniform decay condition, then the soliton has at most Euclidean volume growth. (Received June 22, 2012)