

***Interactive comment on “Rain research with  
disdrometers:  
a bibliometric review” by M. Fernandez-Raga et al.***

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"The paper provides a very interesting survey of the scientific literature on disdrometers, and include an exhaustive bibliometric analysis. The main point for me, and I am sorry to exhibit a "conflict of interest", as a reviewer and as a researcher active in the field, is the fact that Pludix, my X band disdrometer, has not been mentioned with POSS, the Sheppard instrument. PLUDIX has been developed simultaneously, and independently, from POSS and used in several campaigns and field experiments and by several research groups. I mention among them the Wasserkuppe Campaign of DWD, with the paper "Comparative investigation... by F.Pordi et al 2011, Atmospheric Research 162-173. Among other papers: Caracciolo et al, 2006 Atmos Res 82, 137-163,

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Caracciolo et al 2008, Adv Geosc 16, 11.17, and, about the patent,: Prodi, Tagliavini and Pasqualucci, 2000 Pludix, an X band sensor for measuring Hydrometeor size distribution and fall rate, Proc 13 th ICCP, pp 338-339. I think that MW scattering by falling hydrometeors by CW low power radar will be in the future extremely valuable tool to detect hydrometeor characteristics, once further research is carried on specific details. Minor comments: -Table 1 is not referred to in the text -many references are not mentioned in the text, but this is probably connected to the bibliometric nature of the study."

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Interactive comment on Atmos. Meas. Tech. Discuss., 4, 6041, 2011.

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